

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110822\  
 Data File : BP012563.D  
 Acq On : 08 Nov 2022 22:07  
 Operator : CG/JU  
 Sample : N5407-14MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EW4Z2MS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 11/09/2022  
 Supervised By :mohammad ahmed 11/14/2022

Quant Time: Nov 08 22:46:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 08 22:40:23 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	306649	20.000	ng/u1	0.00	
20) Naphthalene-d8	10.569	136	1490158	20.000	ng/u1	0.00	
38) Acenaphthene-d10	14.422	164	1009658	20.000	ng/u1	0.00	
64) Phenanthrene-d10	17.187	188	2206848	20.000	ng/u1	0.00	
79) Chrysene-d12	21.286	240	1953931	20.000	ng/u1	0.00	
88) Perylene-d12	23.663	264	1824305	20.000	ng/u1	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.228	96	26830	3.523	ng/uL	0.00	
4) Pyridine-d5	3.652	84	173714	7.940	ng/u1	0.00	
7) Phenol-d5	6.964	99	207085	7.529	ng/u1	0.00	
9) Bis-(2-Chloroethyl)eth...	7.111	67	497727	30.314	ng/u1	0.00	
11) 2-Chlorophenol-d4	7.305	132	509143	25.349	ng/u1	0.00	
15) 4-Methylphenol-d8	8.499	113	379682	17.454	ng/u1	0.00	
21) Nitrobenzene-d5	8.940	128	361378	37.397	ng/u1	0.00	
24) 2-Nitrophenol-d4	9.658	143	388778	38.762	ng/u1	0.00	
28) 2,4-Dichlorophenol-d3	10.205	165	677144	31.152	ng/u1	0.00	
31) 4-Chloroaniline-d4	10.722	131	770254	23.799	ng/u1	0.00	
46) Dimethylphthalate-d6	13.846	166	2627587	38.017	ng/u1	0.00	
49) Acenaphthylene-d8	14.116	160	2746096	34.767	ng/u1	0.00	
54) 4-Nitrophenol-d4	14.681	143	96252	7.358	ng/u1	0.00	
60) Fluorene-d10	15.422	176	2174352	36.744	ng/u1	0.00	
65) 4,6-Dinitro-2-methylph...	15.563	200	470216	40.925	ng/u1	0.00	
73) Anthracene-d10	17.287	188	3458492	36.371	ng/u1	0.00	
81) Pyrene-d10	19.533	212	4054684	41.332	ng/u1	0.00	
92) Benzo(a)pyrene-d12	23.516	264	3532649	39.631	ng/u1	0.00	
Target Compounds							
2) 1,4-Dioxane	3.264	88	34214	4.226	ng/uL	98	Qvalue
5) Pyridine	3.670	79	173055	8.049	ng/u1	94	
6) Benzaldehyde	6.922	77	469732m	36.212	ng/u1		
8) Phenol	6.987	94	212066	7.415	ng/u1	95	
10) Bis(2-Chloroethyl)ether	7.205	93	664702	28.961	ng/u1	99	
12) 2-Chlorophenol	7.340	128	518553	23.717	ng/u1	99	
13) 2-Methylphenol	8.234	108	419733	19.085	ng/u1	99	
14) 2,2'-oxybis(1-Chloropr...	8.305	45	874020m	28.396	ng/u1		
16) Acetophenone	8.605	105	1089826	32.257	ng/u1	100	
17) N-Nitroso-di-n-propyla...	8.587	70	547072	33.634	ng/u1	99	
18) 4-Methylphenol	8.563	108	407457	16.951	ng/u1	100	
19) Hexachloroethane	8.840	117	198603	23.617	ng/u1	96	
22) Nitrobenzene	8.981	77	813508	32.266	ng/u1	98	
23) Isophorone	9.510	82	1657927	31.424	ng/u1	99	
25) 2-Nitrophenol	9.693	139	400846	33.330	ng/u1	97	
26) 2,4-Dimethylphenol	9.758	107	565800	21.426	ng/u1	97	
27) Bis(2-Chloroethoxy)met...	9.993	93	1014319	30.043	ng/u1	99	
29) 2,4-Dichlorophenol	10.234	162	657646	29.145	ng/u1	99	
30) Naphthalene	10.616	128	2152012	27.249	ng/u1	100	
32) 4-Chloroaniline	10.746	127	767084	23.034	ng/u1	99	
33) Hexachlorobutadiene	10.893	225	343589	24.475	ng/u1	98	
34) Caprolactam	11.563	113	39532	5.149	ng/u1	97	
35) 4-Chloro-3-methylphenol	11.887	107	747139	30.134	ng/u1	99	
36) 2-Methylnaphthalene	12.234	142	1580258	29.186	ng/u1	100	

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110822\  
 Data File : BP012563.D  
 Acq On : 08 Nov 2022 22:07  
 Operator : CG/JU  
 Sample : N5407-14MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 EW4Z2MS

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 11/09/2022  
 Supervised By :mohammad ahmed 11/14/2022

Quant Time: Nov 08 22:46:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 08 22:40:23 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	1599104	29.573	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	851529	28.713	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	206484	15.049	ng/ul	98
41) 2,4,6-Trichlorophenol	12.857	196	636050	33.553	ng/ul	99
42) 2,4,5-Trichlorophenol	12.940	196	700689	33.889	ng/ul	100
43) 1,1'-Biphenyl	13.251	154	2228034	30.011	ng/ul	100
44) 2-Chloronaphthalene	13.293	162	1745671	29.923	ng/ul	98
45) 2-Nitroaniline	13.522	65	598503	44.263	ng/ul	99
47) Dimethylphthalate	13.893	163	2581303	35.447	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	564149	46.657	ng/ul	99
50) Acenaphthylene	14.146	152	2809322	31.715	ng/ul	100
51) 3-Nitroaniline	14.351	138	517504	34.954	ng/ul	96
52) Acenaphthene	14.487	153	1989552	31.960	ng/ul	99
53) 2,4-Dinitrophenol	14.563	184	296624	36.327	ng/ul	96
55) 4-Nitrophenol	14.693	109	71681	7.242	ng/ul	92
56) Dibenzofuran	14.828	168	2769163	32.584	ng/ul	97
57) 2,4-Dinitrotoluene	14.810	165	793580	43.575	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.057	232	649270	36.998	ng/ul	95
59) Diethylphthalate	15.257	149	2645590	37.337	ng/ul	98
61) Fluorene	15.481	166	2217252	32.836	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.475	204	1116594	33.712	ng/ul	97
63) 4-Nitroaniline	15.528	138	544389m	40.700	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.581	198	457886	37.403	ng/ul	97
67) N-Nitrosodiphenylamine	15.692	169	2080109	33.466	ng/ul	100
68) 4-Bromophenyl-phenylether	16.375	248	816990	36.857	ng/ul	99
69) Hexachlorobenzene	16.487	284	975819	36.704	ng/ul	95
70) Atrazine	16.663	200	796014	36.970	ng/ul	97
71) Pentachlorophenol	16.839	266	542940	33.253	ng/ul	100
72) Phenanthrene	17.228	178	3976138	34.105	ng/ul	99
74) Anthracene	17.322	178	3868663	33.402	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	897016	28.415	ng/uL	99
76) Pentachlorobenzene	14.740	250	1003794	30.111	ng/uL	99
77) Carbazole	17.604	167	3664604	35.525	ng/ul	100
78) Di-n-butylphthalate	18.151	149	4711107	39.311	ng/ul	99
80) Fluoranthene	19.204	202	4716064	38.937	ng/ul	97
82) Pyrene	19.563	202	4704684	37.501	ng/ul	95
83) Butylbenzylphthalate	20.433	149	2230348	47.685	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.210	252	1143506	26.941	ng/ul	98
85) Benzo(a)anthracene	21.275	228	4426323	35.508	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.192	149	3223608	45.073	ng/ul	100
87) Chrysene	21.327	228	4129266	35.434	ng/ul	100
89) Di-n-octyl phthalate	22.104	149	5341370	49.087	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	4302314	37.243	ng/ul	98
91) Benzo(k)fluoranthene	22.992	252	4223376	38.362	ng/ul	97
93) Benzo(a)pyrene	23.563	252	3661199	36.293	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.139	276	4371369	34.775	ng/ul	96
95) Dibenzo(a,h)anthracene	26.157	278	3874275	34.421	ng/ul	97
96) Benzo(g,h,i)perylene	26.892	276	3789075	34.098	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110822\  
 Data File : BP012563.D  
 Acq On : 08 Nov 2022 22:07  
 Operator : CG/JU  
 Sample : N5407-14MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EW4Z2MS

Quant Time: Nov 08 22:46:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 08 22:40:23 2022  
 Response via : Initial Calibration

Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 11/09/2022  
 Supervised By :mohammad ahmed 11/14/2022

