

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023234.D
 Acq On : 20 Nov 2024 02:07
 Operator : RC/JU
 Sample : PB165071BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS071

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 02:53:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	93905	20.000	ng/u1	0.00
20) Naphthalene-d8	10.310	136	347653	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.175	164	272874	20.000	ng/u1	-0.03
64) Phenanthrene-d10	16.992	188	686487	20.000	ng/u1	-0.02
79) Chrysene-d12	21.427	240	748485	20.000	ng/u1	-0.02
88) Perylene-d12	24.645	264	871255	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	14326	7.333	ng/uL	0.00
4) Pyridine-d5	3.546	84	184997	31.873	ng/u1	0.00
7) Phenol-d5	6.775	99	232328	33.464	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	134781	33.043	ng/u1	0.00
11) 2-Chlorophenol-d4	7.116	132	174700	34.358	ng/u1	-0.01
15) 4-Methylphenol-d8	8.287	113	181913	31.841	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	84679	34.987	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.422	143	102921	35.670	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.951	165	213290	35.298	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.469	131	205260	28.474	ng/u1	-0.01
46) Dimethylphthalate-d6	13.598	166	702371	35.713	ng/u1	-0.01
49) Acenaphthylene-d8	13.869	160	737415	35.935	ng/u1	-0.03
54) 4-Nitrophenol-d4	14.439	143	94946	32.125	ng/u1	-0.01
60) Fluorene-d10	15.192	176	609581	35.353	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.345	200	136400	33.168	ng/u1	-0.02
73) Anthracene-d10	17.086	188	1008325	34.690	ng/u1	-0.03
81) Pyrene-d10	19.486	212	1311645	38.045	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.415	264	1533666	36.955	ng/u1	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	26757	11.853	ng/uL	98
5) Pyridine	3.563	79	179048	30.716	ng/u1	95
6) Benzaldehyde	6.740	77	88317	22.106	ng/u1	93
8) Phenol	6.804	94	232924	32.128	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.004	93	177276	32.540	ng/u1	98
12) 2-Chlorophenol	7.151	128	173804	32.924	ng/u1	97
13) 2-Methylphenol	8.016	108	167656	30.980	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.069	45	201352	32.648	ng/u1	96
16) Acetophenone	8.381	105	291928	30.408	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.363	70	152253	31.761	ng/u1	98
18) 4-Methylphenol	8.345	108	186801	31.251	ng/u1	98
19) Hexachloroethane	8.616	117	83016	32.516	ng/u1	98
22) Nitrobenzene	8.751	77	236797	34.098	ng/u1	99
23) Isophorone	9.269	82	424321	34.171	ng/u1	98
25) 2-Nitrophenol	9.451	139	105027	34.486	ng/u1	99
26) 2,4-Dimethylphenol	9.510	107	181815	27.646	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.745	93	239111	34.996	ng/u1	97
29) 2,4-Dichlorophenol	9.981	162	202096	33.766	ng/u1	96
30) Naphthalene	10.357	128	557531	33.010	ng/u1	99
32) 4-Chloroaniline	10.492	127	161289	23.094	ng/u1	100
33) Hexachlorobutadiene	10.628	225	169922	31.376	ng/u1	98
34) Caprolactam	11.275	113	58722m	32.985	ng/u1	
35) 4-Chloro-3-methylphenol	11.628	107	221793	34.446	ng/u1	96
36) 2-Methylnaphthalene	11.969	142	416977	32.701	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023234.D
 Acq On : 20 Nov 2024 02:07
 Operator : RC/JU
 Sample : PB165071BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS071

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 02:53:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.192	142	418998	32.144	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.345	216	318021	34.521	ng/ul	98
40) Hexachlorocyclopentadiene	12.310	237	128175	26.490	ng/ul	95
41) 2,4,6-Trichlorophenol	12.610	196	186966	33.330	ng/ul	96
42) 2,4,5-Trichlorophenol	12.692	196	204581	33.829	ng/ul	97
43) 1,1'-Biphenyl	12.998	154	604965	34.599	ng/ul	99
44) 2-Chloronaphthalene	13.039	162	493461	34.524	ng/ul	98
45) 2-Nitroaniline	13.275	65	148508	37.004	ng/ul	90
47) Dimethylphthalate	13.651	163	671573	34.625	ng/ul	100
48) 2,6-Dinitrotoluene	13.769	165	136896	36.285	ng/ul	98
50) Acenaphthylene	13.898	152	733324	35.353	ng/ul	99
51) 3-Nitroaniline	14.110	138	114573	35.258	ng/ul	98
52) Acenaphthene	14.239	153	513248	34.081	ng/ul	98
53) 2,4-Dinitrophenol	14.345	184	80140	29.936	ng/ul	99
55) 4-Nitrophenol	14.451	109	100951	29.194	ng/ul	96
56) Dibenzofuran	14.580	168	782067	33.612	ng/ul	99
57) 2,4-Dinitrotoluene	14.580	165	215180	35.786	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.827	232	184494	31.210	ng/ul	98
59) Diethylphthalate	15.027	149	666954	34.769	ng/ul	99
61) Fluorene	15.239	166	656284	34.461	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.239	204	386072	34.430	ng/ul	98
63) 4-Nitroaniline	15.298	138	121634	40.226	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.363	198	138940	31.628	ng/ul	94
67) N-Nitrosodiphenylamine	15.469	169	560394	35.327	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	268747	34.571	ng/ul	98
69) Hexachlorobenzene	16.280	284	328377	33.555	ng/ul	99
70) Atrazine	16.457	200	101533	13.241	ng/ul	98
71) Pentachlorophenol	16.639	266	167509	27.570	ng/ul	96
72) Phenanthrene	17.033	178	1130232	34.870	ng/ul	99
74) Anthracene	17.127	178	1100747	33.778	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.963	216	316314	34.899	ng/ul	99
76) Pentachlorobenzene	14.510	250	347821	33.608	ng/ul	97
77) Carbazole	17.416	167	970738	34.143	ng/ul	99
78) Di-n-butylphthalate	17.998	149	1169946	37.082	ng/ul	100
80) Fluoranthene	19.133	202	1470376	37.020	ng/ul	99
82) Pyrene	19.515	202	1566054	36.703	ng/ul	99
83) Butylbenzylphthalate	20.462	149	551452	39.255	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	498148	29.650	ng/ul	99
85) Benzo(a)anthracene	21.409	228	1629412	35.652	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	792569	39.702	ng/ul	98
87) Chrysene	21.474	228	1523477	35.426	ng/ul	99
89) Di-n-octyl phthalate	22.551	149	1355910	38.360	ng/ul	100
90) Benzo(b)fluoranthene	23.621	252	1782821	36.764	ng/ul	100
91) Benzo(k)fluoranthene	23.680	252	1711857	35.859	ng/ul#	97
93) Benzo(a)pyrene	24.480	252	1537484	35.072	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.280	276	2039122m	33.387	ng/ul	
95) Dibenzo(a,h)anthracene	28.350	278	1639617m	33.063	ng/ul	
96) Benzo(g,h,i)perylene	29.421	276	1604851	34.595	ng/ul	98

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

