

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018549.D
 Acq On : 03 Dec 2023 10:44
 Operator : MA/JU
 Sample : PB157322BS
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS322

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 04 00:16:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 01 21:56:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	473247	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.657	136	2091375	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.487	164	1293226	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.234	188	2455702	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	1823328	20.000	ng/u1	0.00
88) Perylene-d12	23.692	264	2126298	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	79058	5.693	ng/uL	0.00
4) Pyridine-d5	3.687	84	1040620	27.975	ng/u1	0.00
7) Phenol-d5	7.028	99	1491079	31.396	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	873988	31.050	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.387	132	1094377	29.531	ng/u1	-0.01
15) 4-Methylphenol-d8	8.575	113	1107598	28.818	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	542013	29.119	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	556305	28.827	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.275	165	1128702	28.603	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.793	131	1272717	24.679	ng/u1	-0.01
46) Dimethylphthalate-d6	13.904	166	3166648	27.436	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	3631744	28.575	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.693	143	513020	27.078	ng/u1	0.00
60) Fluorene-d10	15.481	176	2672149	27.581	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	416846	28.310	ng/u1	0.00
73) Anthracene-d10	17.334	188	3446816	26.699	ng/u1	0.00
81) Pyrene-d10	19.569	212	3725627	26.249	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	3600334	29.040	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	161028	10.574	ng/uL	98
5) Pyridine	3.705	79	1124722	29.941	ng/u1	100
6) Benzaldehyde	6.999	77	736537	30.038	ng/u1	99
8) Phenol	7.058	94	1479260	31.762	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.287	93	1176945	30.770	ng/u1	98
12) 2-Chlorophenol	7.422	128	1098972	29.302	ng/u1	99
13) 2-Methylphenol	8.305	108	1044982	29.307	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	1493706	30.777	ng/u1	98
16) Acetophenone	8.687	105	1755530	30.648	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.681	70	882391	28.003	ng/u1	99
18) 4-Methylphenol	8.640	108	1161223	29.825	ng/u1	97
19) Hexachloroethane	8.940	117	441298	28.701	ng/u1	97
22) Nitrobenzene	9.063	77	1319845	29.164	ng/u1	99
23) Isophorone	9.593	82	2566710	27.816	ng/u1	100
25) 2-Nitrophenol	9.775	139	615082	29.768	ng/u1	99
26) 2,4-Dimethylphenol	9.834	107	607340	15.029	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.075	93	1628897	27.962	ng/u1	100
29) 2,4-Dichlorophenol	10.305	162	1077789	28.356	ng/u1	100
30) Naphthalene	10.704	128	3598640	28.365	ng/u1	100
32) 4-Chloroaniline	10.822	127	1222457	24.871	ng/u1	100
33) Hexachlorobutadiene	10.993	225	699439	27.477	ng/u1	99
34) Caprolactam	11.604	113	340356m	29.203	ng/u1	
35) 4-Chloro-3-methylphenol	11.946	107	1161859	27.286	ng/u1	99
36) 2-Methylnaphthalene	12.316	142	2493215	27.739	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	2446074	26.948	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.681	216	1387728	29.576	ng/ul	99
40) Hexachlorocyclopentadiene	12.663	237	496773	17.863	ng/ul	100
41) 2,4,6-Trichlorophenol	12.922	196	803652	26.626	ng/ul	99
42) 2,4,5-Trichlorophenol	12.993	196	904833	27.652	ng/ul	99
43) 1,1'-Biphenyl	13.328	154	3241829	28.985	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	2587261	29.289	ng/ul	99
45) 2-Nitroaniline	13.575	65	709321	29.620	ng/ul	99
47) Dimethylphthalate	13.951	163	3127802	27.530	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	622552	29.002	ng/ul	99
50) Acenaphthylene	14.210	152	4090290	28.625	ng/ul	100
51) 3-Nitroaniline	14.398	138	591691	27.613	ng/ul	99
52) Acenaphthene	14.551	153	2695630	28.531	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	280541	24.660	ng/ul	97
55) 4-Nitrophenol	14.704	109	387559	27.076	ng/ul	97
56) Dibenzofuran	14.887	168	3689004	28.093	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	842309	27.896	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.110	232	629327	22.928	ng/ul	99
59) Diethylphthalate	15.316	149	2963027	26.651	ng/ul	99
61) Fluorene	15.540	166	2897514	27.886	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.534	204	1521651	27.923	ng/ul	96
63) 4-Nitroaniline	15.563	138	572861	28.063	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.616	198	460986	29.283	ng/ul	96
67) N-Nitrosodiphenylamine	15.745	169	2426219	29.816	ng/ul	100
68) 4-Bromophenyl-phenylether	16.428	248	910420	29.366	ng/ul	96
69) Hexachlorobenzene	16.534	284	1018315	29.419	ng/ul	97
70) Atrazine	16.698	200	146288	6.047	ng/ul	97
71) Pentachlorophenol	16.881	266	457584	22.228	ng/ul	98
72) Phenanthrene	17.275	178	4339833	29.261	ng/ul	100
74) Anthracene	17.369	178	4033931	27.134	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.287	216	1387994	32.688	ng/ul	99
76) Pentachlorobenzene	14.804	250	1314504	31.516	ng/ul	99
77) Carbazole	17.639	167	3587414	30.277	ng/ul	99
78) Di-n-butylphthalate	18.198	149	4307726	27.304	ng/ul	100
80) Fluoranthene	19.245	202	4427977	26.393	ng/ul	100
82) Pyrene	19.598	202	4524167	26.731	ng/ul	98
83) Butylbenzylphthalate	20.475	149	1578982	25.484	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	1156267	26.096	ng/ul	99
85) Benzo(a)anthracene	21.304	228	4264579	28.815	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	2234601	26.239	ng/ul	100
87) Chrysene	21.357	228	3921662	28.775	ng/ul	99
89) Di-n-octyl phthalate	22.151	149	3863209	24.884	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	4501483	28.713	ng/ul	99
91) Benzo(k)fluoranthene	23.016	252	4303377	28.370	ng/ul	100
93) Benzo(a)pyrene	23.586	252	4221072	29.467	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.168	276	5446408	31.822	ng/ul	99
95) Dibenzo(a,h)anthracene	26.186	278	4575635	32.138	ng/ul	98
96) Benzo(g,h,i)perylene	26.927	276	4457163	32.359	ng/ul	98

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

