

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018477.D
 Acq On : 01 Dec 2023 15:39
 Operator : MA/JU
 Sample : PB157287BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS287

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 22:41:19 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	7.863	152	406596	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1822147	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	1244218	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	2763337	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	2112866	20.000	ng/u1	0.00
88) Perylene-d12	23.704	264	1823564	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	54404	4.560	ng/uL	0.00
4) Pyridine-d5	3.693	84	764209	23.912	ng/u1	0.00
7) Phenol-d5	7.034	99	1040328	25.496	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	616300	25.484	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	778894	24.464	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	840549	25.455	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	401531	24.759	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	431138	25.642	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	867618	25.235	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	1118015	24.882	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	2763756	24.888	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	3003392	24.562	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	503167	27.604	ng/u1	0.00
60) Fluorene-d10	15.487	176	2317247	24.860	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	435482	26.283	ng/u1	0.00
73) Anthracene-d10	17.339	188	3456005	23.790	ng/u1	0.00
81) Pyrene-d10	19.575	212	4024091	24.467	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.551	264	2652765	24.949	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	115329	8.814	ng/uL	99
5) Pyridine	3.711	79	796389	24.676	ng/u1	97
6) Benzaldehyde	7.005	77	578162	27.444	ng/u1	97
8) Phenol	7.058	94	1063700	26.583	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.293	93	860143	26.174	ng/u1	99
12) 2-Chlorophenol	7.428	128	801810	24.883	ng/u1	98
13) 2-Methylphenol	8.310	108	809252	26.417	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1094883	26.258	ng/u1	99
16) Acetophenone	8.693	105	1325297	26.930	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.687	70	681710	25.180	ng/u1	98
18) 4-Methylphenol	8.646	108	890160	26.611	ng/u1	98
19) Hexachloroethane	8.946	117	328587	24.874	ng/u1	98
22) Nitrobenzene	9.069	77	987256	25.038	ng/u1	99
23) Isophorone	9.599	82	2034766	25.310	ng/u1	99
25) 2-Nitrophenol	9.781	139	473723	26.314	ng/u1	99
26) 2,4-Dimethylphenol	9.846	107	669390	19.012	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	1256984	24.765	ng/u1	100
29) 2,4-Dichlorophenol	10.310	162	852764	25.751	ng/u1	99
30) Naphthalene	10.716	128	2727412	24.674	ng/u1	99
32) 4-Chloroaniline	10.828	127	1039629	24.276	ng/u1	99
33) Hexachlorobutadiene	10.999	225	555935	25.066	ng/u1	99
34) Caprolactam	11.610	113	314323m	30.954	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	967338	26.075	ng/u1	100
36) 2-Methylnaphthalene	12.322	142	1952254	24.930	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	1916991	24.240	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	1105123	24.481	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	523957	19.582	ng/ul	100
41) 2,4,6-Trichlorophenol	12.928	196	737720	25.404	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	811476	25.775	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	2639576	24.530	ng/ul	100
44) 2-Chloronaphthalene	13.375	162	2095378	24.655	ng/ul	99
45) 2-Nitroaniline	13.581	65	614563	26.674	ng/ul	97
47) Dimethylphthalate	13.963	163	2803766	25.650	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	574755	27.830	ng/ul	98
50) Acenaphthylene	14.216	152	3445567	25.062	ng/ul	100
51) 3-Nitroaniline	14.404	138	561335	27.228	ng/ul	100
52) Acenaphthene	14.557	153	2257680	24.837	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	293558	26.820	ng/ul	99
55) 4-Nitrophenol	14.710	109	391970	28.463	ng/ul	96
56) Dibenzofuran	14.892	168	3152497	24.953	ng/ul	100
57) 2,4-Dinitrotoluene	14.857	165	824902	28.396	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.116	232	685384	25.954	ng/ul	98
59) Diethylphthalate	15.328	149	2834330	26.498	ng/ul	100
61) Fluorene	15.545	166	2532408	25.332	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	1342083	25.598	ng/ul	96
63) 4-Nitroaniline	15.569	138	578348	29.448	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.622	198	489732	27.646	ng/ul	94
67) N-Nitrosodiphenylamine	15.751	169	2245383	24.521	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	870748	24.960	ng/ul	97
69) Hexachlorobenzene	16.539	284	989083	25.394	ng/ul	97
70) Atrazine	16.710	200	611642	22.467	ng/ul	98
71) Pentachlorophenol	16.886	266	596912	25.768	ng/ul	99
72) Phenanthrene	17.286	178	4187867	25.093	ng/ul	100
74) Anthracene	17.375	178	4044821	24.179	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.293	216	1134599	23.746	ng/uL	98
76) Pentachlorobenzene	14.810	250	1146649	24.431	ng/uL	99
77) Carbazole	17.645	167	3753154	28.150	ng/ul	99
78) Di-n-butylphthalate	18.204	149	4847370	27.304	ng/ul	100
80) Fluoranthene	19.251	202	4850502	24.950	ng/ul	99
82) Pyrene	19.604	202	4925812	25.116	ng/ul	97
83) Butylbenzylphthalate	20.486	149	1990654	27.725	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.251	252	1306539	25.446	ng/ul	99
85) Benzo(a)anthracene	21.310	228	4296477	25.053	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	2725161	27.615	ng/ul	99
87) Chrysene	21.363	228	3971774	25.149	ng/ul	99
89) Di-n-octyl phthalate	22.163	149	4251702	31.933	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	3595922	26.745	ng/ul	100
91) Benzo(k)fluoranthene	23.027	252	3397526	26.116	ng/ul	99
93) Benzo(a)pyrene	23.598	252	3134373	25.513	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.174	276	3526035	24.022	ng/ul	98
95) Dibenzo(a,h)anthracene	26.198	278	2972229	24.341	ng/ul	99
96) Benzo(g,h,i)perylene	26.939	276	2845406	24.087	ng/ul	98

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

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