

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
 Data File : BP018465.D
 Acq On : 29 Nov 2023 05:24
 Operator : MA/JU
 Sample : PB157193BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS193

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 06:30:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 29 04:01:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	543967	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	2299386	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	1416159	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	2790917	20.000	ng/u1	0.01
79) Chrysene-d12	21.663	240	1963623m	20.000	ng/u1	0.22
88) Perylene-d12	25.168	264	1893351m	20.000	ng/u1	1.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	80244	5.525	ng/uL	0.00
4) Pyridine-d5	3.681	84	1030613	25.822	ng/u1	0.00
7) Phenol-d5	7.022	99	1492387	30.020	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	801969	26.977	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	1248406	29.909	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	1171458	29.199	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	611381	32.735	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	638259	37.004	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	1298732	31.210	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	1419634	25.294	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	3659565	29.042	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	4108812	28.617	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	528554	30.384	ng/u1	0.00
60) Fluorene-d10	15.486	176	2998431	28.449	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	469205	39.493	ng/u1	0.01
73) Anthracene-d10	17.357	188	4053493	27.173	ng/u1	0.01
81) Pyrene-d10	19.651	212	4472312	28.617	ng/u1	0.05
92) Benzo(a)pyrene-d12	24.921	264	3637285m	33.136	ng/u1	0.97
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	160496	10.306	ng/uL#	87
5) Pyridine	3.699	79	1069544	26.596	ng/u1	92
6) Benzaldehyde	6.993	77	719056	27.333	ng/u1	92
8) Phenol	7.046	94	1457808	29.895	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.281	93	1183061	29.125	ng/u1	96
12) 2-Chlorophenol	7.416	128	1231893	29.418	ng/u1	95
13) 2-Methylphenol	8.299	108	1098880	28.931	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.387	45	1379443	23.891	ng/u1#	95
16) Acetophenone	8.681	105	1775341	28.919	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.675	70	797425	23.253	ng/u1	90
18) 4-Methylphenol	8.634	108	1204921	29.706	ng/u1	98
19) Hexachloroethane	8.934	117	499793	28.580	ng/u1	92
22) Nitrobenzene	9.057	77	1237357	28.280	ng/u1	93
23) Isophorone	9.587	82	2475705	25.386	ng/u1	98
25) 2-Nitrophenol	9.769	139	683866	35.239	ng/u1	90
26) 2,4-Dimethylphenol	9.834	107	712539	16.354	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.075	93	1614178	27.407	ng/u1	99
29) 2,4-Dichlorophenol	10.298	162	1234232	30.964	ng/u1	98
30) Naphthalene	10.704	128	3972693	28.566	ng/u1	99
32) 4-Chloroaniline	10.816	127	1330197	25.116	ng/u1	99
33) Hexachlorobutadiene	10.993	225	863176	31.750	ng/u1	99
34) Caprolactam	11.604	113	283323	24.665	ng/u1	84
35) 4-Chloro-3-methylphenol	11.945	107	1166978	27.382	ng/u1	93
36) 2-Methylnaphthalene	12.316	142	2774418	28.188	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	2713017	27.384	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	1627347	32.537	ng/ul	97
40) Hexachlorocyclopentadiene	12.663	237	590066	20.830	ng/ul	99
41) 2,4,6-Trichlorophenol	12.922	196	930642	30.983	ng/ul	100
42) 2,4,5-Trichlorophenol	12.992	196	1033972	31.834	ng/ul	99
43) 1,1'-Biphenyl	13.328	154	3610278	29.260	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	2899250	29.688	ng/ul	97
45) 2-Nitroaniline	13.575	65	620255	29.518	ng/ul#	83
47) Dimethylphthalate	13.957	163	3598484	29.186	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	723450	34.803	ng/ul#	86
50) Acenaphthylene	14.216	152	4544234	28.393	ng/ul	99
51) 3-Nitroaniline	14.398	138	654178	31.674	ng/ul#	90
52) Acenaphthene	14.557	153	2969320	28.401	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	277952	38.327	ng/ul	94
55) 4-Nitrophenol	14.710	109	355564	27.589	ng/ul	91
56) Dibenzofuran	14.892	168	4098926	28.677	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	986698	35.126	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.116	232	771409	30.242	ng/ul	95
59) Diethylphthalate	15.328	149	3453283	27.882	ng/ul	99
61) Fluorene	15.545	166	3175054	27.239	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	1728948	29.210	ng/ul	96
63) 4-Nitroaniline	15.569	138	605318	31.055	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.622	198	516939	39.231	ng/ul	94
67) N-Nitrosodiphenylamine	15.757	169	2725453	28.797	ng/ul	100
68) 4-Bromophenyl-phenylether	16.445	248	1121165	31.818	ng/ul	93
69) Hexachlorobenzene	16.551	284	1299142	32.979	ng/ul	92
70) Atrazine	16.722	200	300241	10.392	ng/ul	98
71) Pentachlorophenol	16.898	266	610514	30.162	ng/ul	99
72) Phenanthrene	17.298	178	4952590	29.174	ng/ul	99
74) Anthracene	17.392	178	4656049	27.172	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.287	216	1626238	33.899	ng/uL	99
76) Pentachlorobenzene	14.810	250	1571705	33.728	ng/uL	99
77) Carbazole	17.669	167	4095295	29.500	ng/ul	100
78) Di-n-butylphthalate	18.257	149	5502315	28.495	ng/ul	100
80) Fluoranthene	19.316	202	5337429	28.589	ng/ul	97
82) Pyrene	19.686	202	5329178	28.347	ng/ul	96
83) Butylbenzylphthalate	20.798	149	2003998m	28.804	ng/ul	
84) 3,3'-Dichlorobenzidine	21.680	252	1215008m	25.583	ng/ul	
85) Benzo(a)anthracene	21.645	228	4870592m	30.435	ng/ul	
86) Bis(2-ethylhexyl)phtha...	22.163	149	2687688m	25.748	ng/ul	
87) Chrysene	21.704	228	4188908m	28.765	ng/ul	
89) Di-n-octyl phthalate	24.362	149	3487041m	25.016	ng/ul	
90) Benzo(b)fluoranthene	24.110	252	8763440m	63.723	ng/ul	
91) Benzo(k)fluoranthene	25.015	252	4176102m	30.504	ng/ul	
93) Benzo(a)pyrene	24.110	252	8758366m	69.251	ng/ul	

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

