

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018385.D
 Acq On : 26 Nov 2023 00:56
 Operator : MA/JU
 Sample : PB157275BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS275

Quant Time: Nov 27 00:05:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	474766	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1782060	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	947806	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1651421	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1588912	20.000	ng/u1	0.00
88) Perylene-d12	23.804	264	1972372	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	73201	5.775	ng/uL	0.00
4) Pyridine-d5	3.687	84	840983	24.142	ng/u1	0.00
7) Phenol-d5	7.028	99	1265971	29.177	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	715721	27.585	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	1086017	29.811	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	983485	28.087	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	495222	34.213	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	507552	37.968	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	1015930	31.501	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	887964	20.414	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	2522824	29.914	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	2955077	30.751	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	348428	29.927	ng/u1	0.00
60) Fluorene-d10	15.492	176	2052479	29.096	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	265822	37.812	ng/u1	0.00
73) Anthracene-d10	17.345	188	2702438	30.616	ng/u1	0.00
81) Pyrene-d10	19.586	212	3091754	24.449	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	3712285	32.464	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	146630	10.788	ng/uL#	90
5) Pyridine	3.705	79	927711	26.431	ng/u1	96
6) Benzaldehyde	7.005	77	536980	23.387	ng/u1	95
8) Phenol	7.058	94	1236923	29.062	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.293	93	1035398	29.205	ng/u1	98
12) 2-Chlorophenol	7.428	128	1067225	29.201	ng/u1	95
13) 2-Methylphenol	8.310	108	937646	28.284	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.393	45	1237465	24.556	ng/u1	95
16) Acetophenone	8.693	105	1461866	27.284	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.687	70	673861	22.514	ng/u1	93
18) 4-Methylphenol	8.646	108	978204	27.632	ng/u1	99
19) Hexachloroethane	8.946	117	443876	29.082	ng/u1	94
22) Nitrobenzene	9.069	77	1035966	30.550	ng/u1	96
23) Isophorone	9.599	82	1978127	26.173	ng/u1	99
25) 2-Nitrophenol	9.781	139	547772	36.420	ng/u1	91
26) 2,4-Dimethylphenol	9.846	107	810723	24.008	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	1291702	28.298	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	958484	31.026	ng/u1	97
30) Naphthalene	10.716	128	3203059	29.718	ng/u1	99
32) 4-Chloroaniline	10.828	127	966928	23.557	ng/u1	99
33) Hexachlorobutadiene	11.004	225	727976	34.551	ng/u1	98
34) Caprolactam	11.598	113	255981	28.754	ng/u1	88
35) 4-Chloro-3-methylphenol	11.951	107	843256	25.530	ng/u1	95
36) 2-Methylnaphthalene	12.328	142	2116438	27.746	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	2068075	26.934	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	1220040	36.447	ng/ul	97
40) Hexachlorocyclopentadiene	12.675	237	570021	30.066	ng/ul	99
41) 2,4,6-Trichlorophenol	12.934	196	676989	33.676	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	711846	32.746	ng/ul	100
43) 1,1'-Biphenyl	13.334	154	2654792	32.148	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	2108810	32.264	ng/ul	98
45) 2-Nitroaniline	13.581	65	421948	30.003	ng/ul	85
47) Dimethylphthalate	13.963	163	2438587	29.552	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	467568	33.609	ng/ul#	86
50) Acenaphthylene	14.222	152	3227871	30.135	ng/ul	100
51) 3-Nitroaniline	14.404	138	411192	29.747	ng/ul#	91
52) Acenaphthene	14.563	153	2106006	30.097	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	165060	34.007	ng/ul	96
55) 4-Nitrophenol	14.704	109	239069	27.716	ng/ul	95
56) Dibenzofuran	14.898	168	2826740	29.549	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	602683	32.057	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.122	232	499019	29.230	ng/ul	94
59) Diethylphthalate	15.328	149	2243392	27.064	ng/ul	99
61) Fluorene	15.545	166	2185715	28.017	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	1163589	29.373	ng/ul	97
63) 4-Nitroaniline	15.563	138	382821	29.345	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.622	198	287191	36.834	ng/ul	98
67) N-Nitrosodiphenylamine	15.757	169	1795763	32.066	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	668012	32.039	ng/ul	97
69) Hexachlorobenzene	16.545	284	808441	34.683	ng/ul	93
70) Atrazine	16.710	200	242259	14.170	ng/ul	98
71) Pentachlorophenol	16.892	266	381384	31.843	ng/ul	99
72) Phenanthrene	17.292	178	3133018	31.190	ng/ul	100
74) Anthracene	17.381	178	3058747	30.167	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	1197320	42.180	ng/ul	99
76) Pentachlorobenzene	14.816	250	1072807	38.907	ng/ul	99
77) Carbazole	17.651	167	2674742	32.562	ng/ul	99
78) Di-n-butylphthalate	18.216	149	3230812	28.276	ng/ul	100
80) Fluoranthene	19.263	202	3519044	23.294	ng/ul	97
82) Pyrene	19.616	202	3690801	24.262	ng/ul	97
83) Butylbenzylphthalate	20.510	149	1393171	24.747	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.280	252	1296750	33.743	ng/ul	98
85) Benzo(a)anthracene	21.339	228	4027010	31.098	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	2115599	25.047	ng/ul	99
87) Chrysene	21.398	228	3753391	31.853	ng/ul	99
89) Di-n-octyl phthalate	22.263	149	3856804	26.561	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	4323932	30.182	ng/ul	98
91) Benzo(k)fluoranthene	23.104	252	4412051	30.936	ng/ul	99
93) Benzo(a)pyrene	23.692	252	4170509	31.654	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.398	276	5232355	34.346	ng/ul	97
95) Dibenzo(a,h)anthracene	26.445	278	4331034	34.727	ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	4279379	34.685	ng/ul	98

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

