

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
 Data File : BP018274.D
 Acq On : 22 Nov 2023 13:19
 Operator : MA/JU
 Sample : SSTD16057
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160629

Quant Time: Nov 22 14:00:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 22 13:53:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	423913	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	1572524	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	795704	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	1519073	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	1449301	20.000	ng/u1	0.01
88) Perylene-d12	23.798	264	1895927	20.000	ng/u1	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	734158	64.866	ng/uL	0.00
4) Pyridine-d5	3.693	84	4744228	152.530	ng/u1	0.00
7) Phenol-d5	7.057	99	5743519	148.252	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.228	67	3298539	142.383	ng/u1	0.01
11) 2-Chlorophenol-d4	7.422	132	4688207	144.129	ng/u1	0.02
15) 4-Methylphenol-d8	8.610	113	4273894	136.699	ng/u1	0.02
21) Nitrobenzene-d5	9.057	128	2137934	167.384	ng/u1	0.02
24) 2-Nitrophenol-d4	9.775	143	2261686	191.734	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.310	165	4129367	145.100	ng/u1	0.01
31) 4-Chloroaniline-d4	10.828	131	5092556	132.678	ng/u1	0.01
46) Dimethylphthalate-d6	13.945	166	9222157	130.252	ng/u1	0.01
49) Acenaphthylene-d8	14.216	160	11077571	137.311	ng/u1	0.01
54) 4-Nitrophenol-d4	14.722	143	1649529	168.763	ng/u1	0.02
60) Fluorene-d10	15.516	176	7645758	129.107	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.639	200	1309356	202.479	ng/u1	0.02
73) Anthracene-d10	17.369	188	11032931	135.884	ng/u1	0.00
81) Pyrene-d10	19.604	212	12764691	110.664	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.657	264	16171702	147.126	ng/u1	0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.311	88	782831	64.502	ng/uL	96
5) Pyridine	3.711	79	4774682	152.354	ng/u1	98
6) Benzaldehyde	7.022	77	2172572	105.972	ng/u1	99
8) Phenol	7.087	94	5492513	144.531	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.322	93	4485775	141.708	ng/u1	99
12) 2-Chlorophenol	7.452	128	4573529	140.150	ng/u1	98
13) 2-Methylphenol	8.334	108	4139593	139.851	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	6037383	134.175	ng/u1	98
16) Acetophenone	8.722	105	6018251	125.797	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.740	70	2778466	103.965	ng/u1	94
18) 4-Methylphenol	8.687	108	4281458	135.450	ng/u1	97
19) Hexachloroethane	8.969	117	1953023	143.309	ng/u1	95
22) Nitrobenzene	9.099	77	4516469	150.935	ng/u1	97
23) Isophorone	9.646	82	8171324	122.521	ng/u1	98
25) 2-Nitrophenol	9.810	139	2340597	176.356	ng/u1	96
26) 2,4-Dimethylphenol	9.875	107	4149868	139.268	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.116	93	5295841	131.480	ng/u1	99
29) 2,4-Dichlorophenol	10.340	162	3865564	141.802	ng/u1	99
30) Naphthalene	10.740	128	12763961	134.204	ng/u1	98
32) 4-Chloroaniline	10.857	127	4748353	131.098	ng/u1	99
33) Hexachlorobutadiene	11.028	225	2936025	157.915	ng/u1	99
34) Caprolactam	11.663	113	595859	75.961	ng/u1	97
35) 4-Chloro-3-methylphenol	11.981	107	3628269	124.485	ng/u1	99
36) 2-Methylnaphthalene	12.351	142	8231947	122.297	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	8096775	119.502	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.716	216	4556320	162.131	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	3085887	193.879	ng/ul	99
41) 2,4,6-Trichlorophenol	12.951	196	2773362	164.327	ng/ul	99
42) 2,4,5-Trichlorophenol	13.028	196	2922318	160.129	ng/ul	100
43) 1,1'-Biphenyl	13.363	154	9755761	140.718	ng/ul	98
44) 2-Chloronaphthalene	13.398	162	7970274	145.253	ng/ul	99
45) 2-Nitroaniline	13.604	65	1979358	167.646	ng/ul	94
47) Dimethylphthalate	13.992	163	8962529	129.374	ng/ul	98
48) 2,6-Dinitrotoluene	14.110	165	1922349	164.591	ng/ul	91
50) Acenaphthylene	14.245	152	11812972	131.364	ng/ul	97
51) 3-Nitroaniline	14.428	138	1771053	152.616	ng/ul#	95
52) Acenaphthene	14.586	153	7893301	134.366	ng/ul	99
53) 2,4-Dinitrophenol	14.628	184	864382	212.131	ng/ul	96
55) 4-Nitrophenol	14.739	109	1152330	159.132	ng/ul	99
56) Dibenzofuran	14.922	168	10486531	130.574	ng/ul	97
57) 2,4-Dinitrotoluene	14.886	165	2584956	163.778	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.139	232	2217003	154.685	ng/ul	100
59) Diethylphthalate	15.363	149	8771779	126.049	ng/ul	99
61) Fluorene	15.575	166	7723338	117.925	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.569	204	4154410	124.917	ng/ul	99
63) 4-Nitroaniline	15.604	138	1613782	147.353	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.651	198	1405107	195.917	ng/ul	100
67) N-Nitrosodiphenylamine	15.781	169	6965546	135.218	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	2879693	150.146	ng/ul	98
69) Hexachlorobenzene	16.569	284	3160583	147.406	ng/ul	95
70) Atrazine	16.745	200	2081387	132.352	ng/ul	99
71) Pentachlorophenol	16.910	266	1951855	177.168	ng/ul	98
72) Phenanthrene	17.316	178	12483098	135.101	ng/ul	97
74) Anthracene	17.410	178	12109886	129.841	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.316	216	4492841	172.067	ng/ul	98
76) Pentachlorobenzene	14.834	250	3907219	154.047	ng/ul	100
77) Carbazole	17.675	167	11210080	148.358	ng/ul	98
78) Di-n-butylphthalate	18.239	149	12333262	117.346	ng/ul#	91
80) Fluoranthene	19.274	202	13865709	100.624	ng/ul	97
82) Pyrene	19.633	202	13007933	93.746	ng/ul#	93
83) Butylbenzylphthalate	20.527	149	6968418	135.704	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.292	252	5851770	166.939	ng/ul	99
85) Benzo(a)anthracene	21.351	228	14709449	124.535	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.310	149	9385244	121.820	ng/ul#	94
87) Chrysene	21.351	228	14709449	136.854	ng/ul	97
89) Di-n-octyl phthalate	22.251	149	15511934	111.133	ng/ul	100
90) Benzo(b)fluoranthene	23.068	252	19033765	138.216	ng/ul	97
91) Benzo(k)fluoranthene	23.121	252	16859912	122.984	ng/ul	95
93) Benzo(a)pyrene	23.715	252	17422526	137.570	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.386	276	24211802	165.339	ng/ul	98
95) Dibenzo(a,h)anthracene	26.433	278	18822424	157.007	ng/ul	97
96) Benzo(g,h,i)perylene	27.186	276	19462954	164.113	ng/ul	98

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

