

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
 Data File : BP018896.D
 Acq On : 16 Dec 2023 01:09
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020731

Quant Time: Dec 16 01:36:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	330310	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	1186119	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	666787	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	1382600	20.000	ng/u1	-0.01
79) Chrysene-d12	21.298	240	1543115	20.000	ng/u1	0.00
88) Perylene-d12	23.651	264	1853594	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	76328	7.875	ng/uL	0.00
4) Pyridine-d5	3.675	84	500159	19.264	ng/u1	0.00
7) Phenol-d5	6.999	99	581171	17.533	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	353089	17.972	ng/u1	0.00
11) 2-Chlorophenol-d4	7.358	132	465781	18.008	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	429048	15.994	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	202403	19.173	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	199884	18.263	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	434753	19.426	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	530716	18.145	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	1089237	18.303	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	1286111	19.626	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	175667	17.983	ng/u1	0.00
60) Fluorene-d10	15.451	176	953924	19.096	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	133709	16.129	ng/u1	0.00
73) Anthracene-d10	17.304	188	1452420	19.982	ng/u1	0.00
81) Pyrene-d10	19.539	212	1789660	14.899	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.498	264	2070763	19.160	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	81796	7.695	ng/uL	96
5) Pyridine	3.693	79	499409	19.048	ng/u1	98
6) Benzaldehyde	6.969	77	299431	17.496	ng/u1	97
8) Phenol	7.028	94	580159	17.847	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.258	93	486210	18.212	ng/u1	98
12) 2-Chlorophenol	7.393	128	470245	17.964	ng/u1	98
13) 2-Methylphenol	8.275	108	415157	16.682	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.358	45	564220	16.656	ng/u1	98
16) Acetophenone	8.658	105	657658	16.450	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.640	70	299469	13.616	ng/u1	99
18) 4-Methylphenol	8.605	108	439362	16.168	ng/u1	100
19) Hexachloroethane	8.905	117	200688	18.700	ng/u1	90
22) Nitrobenzene	9.034	77	494815	19.278	ng/u1	99
23) Isophorone	9.557	82	847047	16.186	ng/u1	99
25) 2-Nitrophenol	9.740	139	221702	18.918	ng/u1	99
26) 2,4-Dimethylphenol	9.805	107	400659	17.481	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.046	93	581387	17.597	ng/u1	99
29) 2,4-Dichlorophenol	10.269	162	417387	19.362	ng/u1	98
30) Naphthalene	10.675	128	1399103	19.444	ng/u1	99
32) 4-Chloroaniline	10.787	127	510910	18.328	ng/u1	99
33) Hexachlorobutadiene	10.957	225	327525	22.686	ng/u1	97
34) Caprolactam	11.563	113	90045	13.623	ng/u1	97
35) 4-Chloro-3-methylphenol	11.916	107	388015	16.067	ng/u1	97
36) 2-Methylnaphthalene	12.281	142	911044	17.872	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.499	142	909385	17.665	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.651	216	548947	22.691	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	272606	19.011	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	316120	20.313	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	340326	20.171	ng/ul	100
43) 1,1'-Biphenyl	13.293	154	1171069	20.307	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	947904	20.812	ng/ul	98
45) 2-Nitroaniline	13.546	65	207682	16.820	ng/ul	98
47) Dimethylphthalate	13.922	163	1075626	18.362	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	196647	17.768	ng/ul	92
50) Acenaphthylene	14.181	152	1456176	19.764	ng/ul	99
51) 3-Nitroaniline	14.369	138	199337	18.043	ng/ul	98
52) Acenaphthene	14.522	153	960817	19.724	ng/ul	98
53) 2,4-Dinitrophenol	14.575	184	79736	13.594	ng/ul	96
55) 4-Nitrophenol	14.681	109	136379	18.479	ng/ul	96
56) Dibenzofuran	14.857	168	1326239	19.588	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	278121	17.865	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.087	232	269752	19.061	ng/ul	91
59) Diethylphthalate	15.287	149	1006521	17.559	ng/ul	99
61) Fluorene	15.504	166	1063914	19.859	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	565349	20.121	ng/ul	95
63) 4-Nitroaniline	15.534	138	197576	18.772	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.587	198	149887	16.911	ng/ul	95
67) N-Nitrosodiphenylamine	15.716	169	874130	19.080	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	346077	19.827	ng/ul	93
69) Hexachlorobenzene	16.504	284	402075	20.632	ng/ul	100
70) Atrazine	16.675	200	227589	16.709	ng/ul	99
71) Pentachlorophenol	16.857	266	226576	19.549	ng/ul	98
72) Phenanthrene	17.245	178	1647975	19.736	ng/ul	99
74) Anthracene	17.339	178	1679226	20.062	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	537245	22.473	ng/ul	98
76) Pentachlorobenzene	14.775	250	493375	21.010	ng/ul	99
77) Carbazole	17.616	167	1473381	22.087	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1631269	18.365	ng/ul	100
80) Fluoranthene	19.216	202	2030579	14.301	ng/ul	98
82) Pyrene	19.569	202	2157604	15.063	ng/ul	97
83) Butylbenzylphthalate	20.451	149	743068	14.170	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	747597	19.936	ng/ul	100
85) Benzo(a)anthracene	21.280	228	2386369	19.052	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	1123296	15.585	ng/ul	99
87) Chrysene	21.333	228	2239775	19.418	ng/ul	100
89) Di-n-octyl phthalate	22.116	149	2020749	14.931	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	2564605	18.765	ng/ul	98
91) Benzo(k)fluoranthene	22.980	252	2499130	18.899	ng/ul	99
93) Benzo(a)pyrene	23.545	252	2406314	19.269	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.098	276	3049368	20.438	ng/ul	97
95) Dibenzo(a,h)anthracene	26.115	278	2526270	20.354	ng/ul	98
96) Benzo(g,h,i)perylene	26.851	276	2449230	20.398	ng/ul	96

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

