

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018809.D
 Acq On : 13 Dec 2023 15:29
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020723

Quant Time: Dec 13 21:38:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	225070	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	851178	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	535567	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1227768	20.000	ng/u1	-0.01
79) Chrysene-d12	21.304	240	1296118	20.000	ng/u1	0.00
88) Perylene-d12	23.663	264	1455806	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	48811	7.390	ng/uL	0.00
4) Pyridine-d5	3.681	84	333725	18.864	ng/u1	0.00
7) Phenol-d5	7.005	99	385310	17.059	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	225980	16.881	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	304523	17.279	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	300343	16.431	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	139714	18.442	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	143308	18.246	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	302990	18.866	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	390168	18.589	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	870269	18.207	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	987999	18.771	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	150475	19.178	ng/u1	0.00
60) Fluorene-d10	15.457	176	770291	19.198	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	121330	16.481	ng/u1	0.00
73) Anthracene-d10	17.310	188	1241235	19.230	ng/u1	-0.01
81) Pyrene-d10	19.551	212	1545414	15.317	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.510	264	1576057	18.567	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	52675	7.273	ng/uL	93
5) Pyridine	3.699	79	335743	18.793	ng/u1	98
6) Benzaldehyde	6.981	77	171238	14.684	ng/u1	96
8) Phenol	7.034	94	391021	17.653	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.263	93	316762	17.413	ng/u1	97
12) 2-Chlorophenol	7.399	128	306322	17.173	ng/u1	99
13) 2-Methylphenol	8.281	108	280791	16.559	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.363	45	363860	15.764	ng/u1	97
16) Acetophenone	8.663	105	454030	16.667	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.646	70	214038	14.282	ng/u1	97
18) 4-Methylphenol	8.610	108	303877	16.411	ng/u1	98
19) Hexachloroethane	8.910	117	130034	17.782	ng/u1	92
22) Nitrobenzene	9.040	77	335355	18.207	ng/u1	97
23) Isophorone	9.563	82	597263	15.904	ng/u1	99
25) 2-Nitrophenol	9.752	139	157553	18.735	ng/u1	96
26) 2,4-Dimethylphenol	9.810	107	300637	18.279	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.052	93	401018	16.914	ng/u1	100
29) 2,4-Dichlorophenol	10.281	162	294924	19.065	ng/u1	97
30) Naphthalene	10.681	128	973342	18.850	ng/u1	100
32) 4-Chloroaniline	10.793	127	378041	18.898	ng/u1	99
33) Hexachlorobutadiene	10.963	225	218945	21.133	ng/u1	99
34) Caprolactam	11.569	113	75493	15.915	ng/u1	90
35) 4-Chloro-3-methylphenol	11.922	107	294062	16.969	ng/u1	98
36) 2-Methylnaphthalene	12.293	142	656676	17.951	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	656596	17.774	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.657	216	401565	20.666	ng/ul	98
40) Hexachlorocyclopentadiene	12.634	237	183694	15.949	ng/ul	99
41) 2,4,6-Trichlorophenol	12.898	196	234385	18.751	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	260379	19.214	ng/ul	98
43) 1,1'-Biphenyl	13.304	154	873712	18.863	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	708953	19.379	ng/ul	99
45) 2-Nitroaniline	13.551	65	169641	17.105	ng/ul	95
47) Dimethylphthalate	13.928	163	857662	18.228	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	160858	18.095	ng/ul	92
50) Acenaphthylene	14.187	152	1120988	18.943	ng/ul	100
51) 3-Nitroaniline	14.375	138	163986	18.480	ng/ul	99
52) Acenaphthene	14.528	153	743942	19.013	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	66372	14.088	ng/ul	96
55) 4-Nitrophenol	14.681	109	117209	19.773	ng/ul	97
56) Dibenzofuran	14.863	168	1063526	19.557	ng/ul	97
57) 2,4-Dinitrotoluene	14.834	165	239003	19.113	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.087	232	223881	19.695	ng/ul	97
59) Diethylphthalate	15.292	149	829311	18.012	ng/ul	99
61) Fluorene	15.510	166	846456	19.671	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	450303	19.953	ng/ul	95
63) 4-Nitroaniline	15.539	138	166978	19.752	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.592	198	135220	17.180	ng/ul	94
67) N-Nitrosodiphenylamine	15.728	169	733276	18.024	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	284164	18.333	ng/ul	96
69) Hexachlorobenzene	16.516	284	336448	19.441	ng/ul	95
70) Atrazine	16.681	200	171315	14.163	ng/ul	98
71) Pentachlorophenol	16.863	266	192097	18.664	ng/ul	100
72) Phenanthrene	17.257	178	1418275	19.127	ng/ul	99
74) Anthracene	17.345	178	1442910	19.413	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	397761	18.736	ng/ul	99
76) Pentachlorobenzene	14.781	250	392944	18.843	ng/ul	99
77) Carbazole	17.622	167	1296942	21.894	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1425205	18.068	ng/ul	100
80) Fluoranthene	19.222	202	1758545	14.746	ng/ul	99
82) Pyrene	19.575	202	1860537	15.464	ng/ul	98
83) Butylbenzylphthalate	20.457	149	658328	14.947	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.221	252	572526	18.177	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1943098	18.470	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	963113	15.909	ng/ul	99
87) Chrysene	21.339	228	1829194	18.881	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	1662565	15.641	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	1915153	17.842	ng/ul	99
91) Benzo(k)fluoranthene	22.992	252	1976567	19.032	ng/ul	98
93) Benzo(a)pyrene	23.563	252	1821373	18.571	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.115	276	2218902	18.935	ng/ul	97
95) Dibenzo(a,h)anthracene	26.133	278	1848301	18.961	ng/ul	98
96) Benzo(g,h,i)perylene	26.868	276	1767772	18.745	ng/ul	96

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

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