

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
 Data File : BP018830.D
 Acq On : 14 Dec 2023 05:24
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020725

Quant Time: Dec 14 06:34:08 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	7.834	152	226743	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	837510	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	507539	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1149013	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1291846	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	1510391	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	56388	8.475	ng/uL	0.00
4) Pyridine-d5	3.675	84	362649	20.348	ng/u1	0.00
7) Phenol-d5	7.005	99	425642	18.706	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	252001	18.686	ng/u1	0.00
11) 2-Chlorophenol-d4	7.364	132	335447	18.893	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	319689	17.360	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	151662	20.346	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	156985	20.313	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	328396	20.781	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	410090	19.857	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	898015	19.824	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1030721	20.664	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	156510	21.049	ng/u1	0.00
60) Fluorene-d10	15.457	176	793147	20.859	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	128514	18.654	ng/u1	0.00
73) Anthracene-d10	17.310	188	1266601	20.968	ng/u1	0.00
81) Pyrene-d10	19.545	212	1610327	16.014	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	1794308	20.374	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	60131	8.241	ng/uL	96
5) Pyridine	3.699	79	370751	20.599	ng/u1	95
6) Benzaldehyde	6.975	77	252976	21.533	ng/u1	98
8) Phenol	7.034	94	425550	19.070	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.264	93	348265	19.004	ng/u1	98
12) 2-Chlorophenol	7.393	128	342009	19.033	ng/u1	99
13) 2-Methylphenol	8.281	108	306120	17.919	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	398480	17.137	ng/u1	98
16) Acetophenone	8.658	105	490865	17.886	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.646	70	230065	15.238	ng/u1	97
18) 4-Methylphenol	8.611	108	331460	17.768	ng/u1	96
19) Hexachloroethane	8.911	117	144709	19.643	ng/u1	86
22) Nitrobenzene	9.034	77	364740	20.125	ng/u1	100
23) Isophorone	9.563	82	633771	17.151	ng/u1	98
25) 2-Nitrophenol	9.746	139	171481	20.724	ng/u1	97
26) 2,4-Dimethylphenol	9.810	107	312022	19.281	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.046	93	432117	18.523	ng/u1	100
29) 2,4-Dichlorophenol	10.275	162	317573	20.864	ng/u1	97
30) Naphthalene	10.675	128	1048760	20.642	ng/u1	100
32) 4-Chloroaniline	10.793	127	392273	19.929	ng/u1	99
33) Hexachlorobutadiene	10.963	225	242756	23.814	ng/u1	99
34) Caprolactam	11.569	113	98538	21.113	ng/u1	89
35) 4-Chloro-3-methylphenol	11.922	107	305569	17.920	ng/u1	99
36) 2-Methylnaphthalene	12.287	142	697243	19.371	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	696842	19.171	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.651	216	423737	23.011	ng/ul	99
40) Hexachlorocyclopentadiene	12.634	237	222146	20.353	ng/ul	99
41) 2,4,6-Trichlorophenol	12.899	196	249285	21.044	ng/ul	100
42) 2,4,5-Trichlorophenol	12.969	196	271215	21.119	ng/ul	100
43) 1,1'-Biphenyl	13.299	154	915026	20.846	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	735486	21.215	ng/ul	97
45) 2-Nitroaniline	13.551	65	171266	18.223	ng/ul	92
47) Dimethylphthalate	13.928	163	887649	19.907	ng/ul	100
48) 2,6-Dinitrotoluene	14.046	165	162786	19.323	ng/ul	96
50) Acenaphthylene	14.187	152	1148143	20.473	ng/ul	99
51) 3-Nitroaniline	14.375	138	170021	20.218	ng/ul	97
52) Acenaphthene	14.528	153	771580	20.809	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	74635	16.716	ng/ul	97
55) 4-Nitrophenol	14.681	109	119628	21.295	ng/ul	93
56) Dibenzofuran	14.863	168	1084237	21.039	ng/ul	96
57) 2,4-Dinitrotoluene	14.834	165	243309	20.532	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.087	232	228732	21.233	ng/ul#	96
59) Diethylphthalate	15.293	149	846696	19.405	ng/ul	99
61) Fluorene	15.510	166	875042	21.458	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	468950	21.927	ng/ul	94
63) 4-Nitroaniline	15.534	138	176206	21.994	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.592	198	140259	19.042	ng/ul	91
67) N-Nitrosodiphenylamine	15.722	169	734702	19.296	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	292816	20.186	ng/ul	95
69) Hexachlorobenzene	16.510	284	344718	21.285	ng/ul	99
70) Atrazine	16.681	200	231417	20.444	ng/ul	99
71) Pentachlorophenol	16.857	266	201013	20.869	ng/ul	99
72) Phenanthrene	17.251	178	1446418	20.843	ng/ul	100
74) Anthracene	17.345	178	1457620	20.955	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	419216	21.101	ng/ul	99
76) Pentachlorobenzene	14.781	250	406181	20.813	ng/ul	99
77) Carbazole	17.622	167	1307068	23.577	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1492399	20.217	ng/ul	100
80) Fluoranthene	19.222	202	1823840	15.344	ng/ul	97
82) Pyrene	19.575	202	1925938	16.061	ng/ul	96
83) Butylbenzylphthalate	20.451	149	703093	16.016	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.222	252	661683	21.077	ng/ul	100
85) Benzo(a)anthracene	21.286	228	2119461	20.213	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1051069	17.420	ng/ul#	99
87) Chrysene	21.333	228	1968492	20.386	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	1856615	16.836	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	2186124	19.631	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	2167926	20.120	ng/ul	99
93) Benzo(a)pyrene	23.557	252	2082384	20.465	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.110	276	2610758	21.474	ng/ul	96
95) Dibenzo(a,h)anthracene	26.133	278	2180442	21.560	ng/ul	97
96) Benzo(g,h,i)perylene	26.868	276	2089409	21.355	ng/ul	96

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

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