

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019074.D
 Acq On : 23 Dec 2023 12:25
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020745

Quant Time: Dec 24 23:59:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	173146	20.000	ng/u1	0.00
20) Naphthalene-d8	10.605	136	646484	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.446	164	415991	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.198	188	976355	20.000	ng/u1	-0.01
79) Chrysene-d12	21.292	240	1052906	20.000	ng/u1	# 0.00
88) Perylene-d12	23.645	264	1230064	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	38311	7.540	ng/uL	0.00
4) Pyridine-d5	3.670	84	257800	18.942	ng/u1	0.00
7) Phenol-d5	6.993	99	310452	17.867	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	176272	17.116	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.346	132	247292	18.239	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	238560	16.965	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	113351	19.700	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.699	143	126304	21.173	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	253241	20.761	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.752	131	307481	19.288	ng/u1	-0.01
46) Dimethylphthalate-d6	13.869	166	721024	19.420	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	810131	19.816	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.663	143	131328	21.549	ng/u1	0.00
60) Fluorene-d10	15.440	176	631499	20.263	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.569	200	124277	21.229	ng/u1	0.00
73) Anthracene-d10	17.298	188	1026024	19.989	ng/u1	0.00
81) Pyrene-d10	19.539	212	1310094	15.985	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.498	264	1400622	19.529	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	42047	7.546	ng/uL	93
5) Pyridine	3.687	79	259993	18.917	ng/u1	97
6) Benzaldehyde	6.958	77	147604	16.453	ng/u1	98
8) Phenol	7.017	94	302193	17.734	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.246	93	245521	17.544	ng/u1	99
12) 2-Chlorophenol	7.381	128	247422	18.031	ng/u1	96
13) 2-Methylphenol	8.264	108	227500	17.439	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.340	45	282693	15.920	ng/u1	97
16) Acetophenone	8.640	105	357811	17.074	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.628	70	168626	14.626	ng/u1	96
18) 4-Methylphenol	8.593	108	242166	17.000	ng/u1	99
19) Hexachloroethane	8.887	117	103879	18.466	ng/u1	87
22) Nitrobenzene	9.016	77	269755	19.283	ng/u1	99
23) Isophorone	9.546	82	478707	16.783	ng/u1	98
25) 2-Nitrophenol	9.728	139	133762	20.942	ng/u1	98
26) 2,4-Dimethylphenol	9.793	107	234854	18.800	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	312006	17.326	ng/u1	98
29) 2,4-Dichlorophenol	10.263	162	241876	20.586	ng/u1	98
30) Naphthalene	10.658	128	759190	19.358	ng/u1	99
32) 4-Chloroaniline	10.775	127	294356	19.373	ng/u1	99
33) Hexachlorobutadiene	10.940	225	182490	23.191	ng/u1	99
34) Caprolactam	11.557	113	64224	17.827	ng/u1	88
35) 4-Chloro-3-methylphenol	11.905	107	246658	18.740	ng/u1	99
36) 2-Methylnaphthalene	12.269	142	517144	18.613	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	524267	18.685	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.640	216	333530	22.099	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	165214	18.468	ng/ul	98
41) 2,4,6-Trichlorophenol	12.887	196	205144	21.129	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	226718	21.539	ng/ul	100
43) 1,1'-Biphenyl	13.281	154	699877	19.453	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	569921	20.057	ng/ul	98
45) 2-Nitroaniline	13.540	65	145277	18.859	ng/ul	94
47) Dimethylphthalate	13.916	163	708017	19.373	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	141323	20.467	ng/ul	95
50) Acenaphthylene	14.169	152	900326	19.587	ng/ul	100
51) 3-Nitroaniline	14.363	138	143181	20.773	ng/ul	97
52) Acenaphthene	14.510	153	600062	19.744	ng/ul	98
53) 2,4-Dinitrophenol	14.575	184	76990	21.039	ng/ul	94
55) 4-Nitrophenol	14.681	109	104736	22.747	ng/ul	93
56) Dibenzofuran	14.846	168	859664	20.352	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	211424	21.768	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.075	232	200335	22.690	ng/ul	92
59) Diethylphthalate	15.275	149	701499	19.615	ng/ul	100
61) Fluorene	15.498	166	694225	20.771	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.493	204	377623	21.543	ng/ul	96
63) 4-Nitroaniline	15.528	138	144783	22.049	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.587	198	132308	21.139	ng/ul	93
67) N-Nitrosodiphenylamine	15.710	169	594084	18.362	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	248854	20.189	ng/ul	94
69) Hexachlorobenzene	16.498	284	299330	21.751	ng/ul	94
70) Atrazine	16.669	200	148263	15.414	ng/ul	99
71) Pentachlorophenol	16.851	266	178021	21.750	ng/ul	99
72) Phenanthrene	17.240	178	1166279	19.778	ng/ul	100
74) Anthracene	17.334	178	1182036	19.998	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	329680	19.528	ng/ul	98
76) Pentachlorobenzene	14.763	250	338538	20.415	ng/ul	98
77) Carbazole	17.610	167	1072402	22.765	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1221400	19.472	ng/ul	100
80) Fluoranthene	19.216	202	1487132	15.350	ng/ul#	94
82) Pyrene	19.563	202	1550777	15.867	ng/ul	95
83) Butylbenzylphthalate	20.445	149	579333	16.192	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.216	252	565744	22.111	ng/ul	99
85) Benzo(a)anthracene	21.275	228	1673306	19.579	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.204	149	863328	17.555	ng/ul	99
87) Chrysene	21.328	228	1544144	19.620	ng/ul	100
89) Di-n-octyl phthalate	22.110	149	1516480	16.885	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	1694531	18.684	ng/ul	98
91) Benzo(k)fluoranthene	22.980	252	1696501	19.333	ng/ul	98
93) Benzo(a)pyrene	23.545	252	1592162	19.213	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.092	276	2028070	20.483	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.116	278	1694537	20.574	ng/ul#	96
96) Benzo(g,h,i)perylene	26.851	276	1636746	20.541	ng/ul#	95

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

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