

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071922\
 Data File : BP011030.D
 Acq On : 19 Jul 2022 13:49
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020704

Quant Time: Jul 19 23:39:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 19 03:25:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	384425	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	1632609	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.339	164	925813	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	1847306	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.233	240	1805562	20.000	ng/ul	# 0.00
88) Perylene-d12	23.586	264	1860011	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	76814	7.204	ng/uL	0.00
4) Pyridine-d5	3.593	84	487314	17.681	ng/ul	0.00
7) Phenol-d5	6.857	99	537779	17.042	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	369581	18.213	ng/ul	0.00
11) 2-Chlorophenol-d4	7.210	132	461114	18.084	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	434893	17.215	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	210721	17.711	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	200040	16.992	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	373258	17.337	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	594281	16.743	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1119524	17.693	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	1334173	17.870	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	196719	15.361	ng/ul	0.00
60) Fluorene-d10	15.339	176	938381	17.447	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	136593	14.943	ng/ul	0.00
73) Anthracene-d10	17.210	188	1414939	18.017	ng/ul	0.00
81) Pyrene-d10	19.463	212	1622366	17.108	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.433	264	1581547	17.704	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	81516	7.286	ng/uL#	82
5) Pyridine	3.611	79	505476	17.796	ng/ul#	75
6) Benzaldehyde	6.828	77	336924	21.981	ng/ul	97
8) Phenol	6.881	94	584785	17.434	ng/ul	88
10) Bis(2-Chloroethyl)ether	7.116	93	472876	17.763	ng/ul	90
12) 2-Chlorophenol	7.246	128	475939	18.057	ng/ul	92
13) 2-Methylphenol	8.128	108	425452	17.152	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	674079	18.513	ng/ul#	97
16) Acetophenone	8.504	105	683458	17.872	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.493	70	343821	17.918	ng/ul	93
18) 4-Methylphenol	8.457	108	462393	17.459	ng/ul	98
19) Hexachloroethane	8.752	117	198507	19.031	ng/ul#	81
22) Nitrobenzene	8.881	77	507175	18.127	ng/ul	94
23) Isophorone	9.410	82	925034	17.665	ng/ul	98
25) 2-Nitrophenol	9.587	139	230907	17.473	ng/ul#	82
26) 2,4-Dimethylphenol	9.657	107	495852	17.744	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.899	93	602408	17.383	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	391154	17.553	ng/ul	99
30) Naphthalene	10.522	128	1475869	17.740	ng/ul	99
32) 4-Chloroaniline	10.640	127	592913	16.888	ng/ul	99
33) Hexachlorobutadiene	10.804	225	230625	17.779	ng/ul	95
34) Caprolactam	11.434	113	169845	21.748	ng/ul	93
35) 4-Chloro-3-methylphenol	11.781	107	427928	16.992	ng/ul	95
36) 2-Methylnaphthalene	12.145	142	946954	17.557	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	947205	17.521	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.516	216	427106	17.491	ng/ul	97
40) Hexachlorocyclopentadiene	12.492	237	253976	16.793	ng/ul	97
41) 2,4,6-Trichlorophenol	12.763	196	269407	16.754	ng/ul	97
42) 2,4,5-Trichlorophenol	12.834	196	299364	17.420	ng/ul	100
43) 1,1'-Biphenyl	13.169	154	1218735	17.643	ng/ul#	97
44) 2-Chloronaphthalene	13.204	162	904556	17.433	ng/ul	97
45) 2-Nitroaniline	13.422	65	262209	17.345	ng/ul	86
47) Dimethylphthalate	13.810	163	1115022	17.464	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	205276	17.758	ng/ul	96
50) Acenaphthylene	14.057	152	1496243	17.861	ng/ul	98
51) 3-Nitroaniline	14.257	138	218720	15.749	ng/ul	95
52) Acenaphthene	14.404	153	978352	17.629	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	120101	17.759	ng/ul	86
55) 4-Nitrophenol	14.569	109	197787	20.173	ng/ul#	80
56) Dibenzofuran	14.745	168	1351930	17.655	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	299235	18.148	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.975	232	227822	16.928	ng/ul#	87
59) Diethylphthalate	15.186	149	1158223	17.664	ng/ul	97
61) Fluorene	15.398	166	1093613	17.795	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.398	204	501142	17.713	ng/ul	96
63) 4-Nitroaniline	15.428	138	235719	18.468	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.481	198	142322	15.177	ng/ul	99
67) N-Nitrosodiphenylamine	15.616	169	929073	17.606	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	293872	17.639	ng/ul	93
69) Hexachlorobenzene	16.398	284	338935	17.528	ng/ul#	91
70) Atrazine	16.586	200	314380	17.222	ng/ul	97
71) Pentachlorophenol	16.757	266	211731	17.779	ng/ul	99
72) Phenanthrene	17.151	178	1713287	17.802	ng/ul	98
74) Anthracene	17.245	178	1738102	18.155	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.128	216	442091	16.717	ng/ul	97
76) Pentachlorobenzene	14.657	250	403983	17.426	ng/ul	98
77) Carbazole	17.522	167	1614310	18.016	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1970513	17.593	ng/ul	99
80) Fluoranthene	19.139	202	1982356	17.874	ng/ul#	89
82) Pyrene	19.492	202	2046409	17.884	ng/ul#	84
83) Butylbenzylphthalate	20.386	149	900470	17.640	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.157	252	608915	19.046	ng/ul#	97
85) Benzo(a)anthracene	21.216	228	1937203	17.617	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.157	149	1373180	18.029	ng/ul#	96
87) Chrysene	21.268	228	1910624	17.696	ng/ul	100
89) Di-n-octyl phthalate	22.068	149	2306616	18.491	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	2044540	17.802	ng/ul#	96
91) Benzo(k)fluoranthene	22.915	252	1924739	17.842	ng/ul#	95
93) Benzo(a)pyrene	23.480	252	1970434	17.865	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.027	276	2241116	17.485	ng/ul#	88
95) Dibenzo(a,h)anthracene	26.045	278	1932510	17.424	ng/ul#	91
96) Benzo(g,h,i)perylene	26.768	276	1901610	17.419	ng/ul#	87

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

