

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062722\
 Data File : BP010901.D
 Acq On : 28 Jun 2022 04:58
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020687

Quant Time: Jun 28 06:01:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 27 23:12:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	498074	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	1967901	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	1000172	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	1809941	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.245	240	1801687	20.000	ng/ul	# 0.00
88) Perylene-d12	23.604	264	2040105	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	105676	8.026	ng/uL	0.00
4) Pyridine-d5	3.611	84	688082	19.632	ng/ul	0.00
7) Phenol-d5	6.887	99	781245	19.815	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	492781	19.111	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	675927	20.663	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	618341	19.839	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	297198	23.723	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	294258	28.391	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	530327	20.709	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	801537	19.174	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	1280470	18.690	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1680257	19.216	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	230499	21.540	ng/ul	0.00
60) Fluorene-d10	15.363	176	1124242	19.122	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	138074	23.026	ng/ul	0.00
73) Anthracene-d10	17.228	188	1574840	19.557	ng/ul	0.00
81) Pyrene-d10	19.480	212	1752705	17.856	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.451	264	2013500	19.973	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	108800	7.749	ng/uL#	87
5) Pyridine	3.628	79	699396	19.699	ng/ul#	73
6) Benzaldehyde	6.858	77	463272	22.269	ng/ul	95
8) Phenol	6.916	94	840668	19.935	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.140	93	663810	19.600	ng/ul	88
12) 2-Chlorophenol	7.275	128	692855	20.519	ng/ul	90
13) 2-Methylphenol	8.157	108	608826	19.393	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	838037	18.442	ng/ul#	96
16) Acetophenone	8.534	105	936364	19.562	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.522	70	442813	18.295	ng/ul	89
18) 4-Methylphenol	8.493	108	643219	19.674	ng/ul	100
19) Hexachloroethane	8.781	117	263869	19.296	ng/ul#	83
22) Nitrobenzene	8.910	77	671678	21.485	ng/ul#	89
23) Isophorone	9.440	82	1166627	17.794	ng/ul	97
25) 2-Nitrophenol	9.622	139	332878	26.522	ng/ul#	80
26) 2,4-Dimethylphenol	9.693	107	673207	19.632	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.928	93	782436	18.919	ng/ul#	98
29) 2,4-Dichlorophenol	10.157	162	540181	20.300	ng/ul	98
30) Naphthalene	10.551	128	2017865	19.674	ng/ul	100
32) 4-Chloroaniline	10.669	127	799774	19.310	ng/ul	98
33) Hexachlorobutadiene	10.840	225	325887	19.169	ng/ul	96
34) Caprolactam	11.463	113	152931	18.294	ng/ul	84
35) 4-Chloro-3-methylphenol	11.810	107	548665	19.024	ng/ul	93
36) 2-Methylnaphthalene	12.175	142	1245769	18.757	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	1250227	18.948	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.540	216	571115	19.871	ng/ul	99
40) Hexachlorocyclopentadiene	12.522	237	391571	21.500	ng/ul	95
41) 2,4,6-Trichlorophenol	12.793	196	362410	21.871	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	381578	21.459	ng/ul	98
43) 1,1'-Biphenyl	13.193	154	1547625	19.656	ng/ul#	98
44) 2-Chloronaphthalene	13.234	162	1188107	20.031	ng/ul	98
45) 2-Nitroaniline	13.445	65	307521	24.437	ng/ul#	81
47) Dimethylphthalate	13.834	163	1286906	18.756	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	242378	23.577	ng/ul	89
50) Acenaphthylene	14.087	152	1866995	19.496	ng/ul	99
51) 3-Nitroaniline	14.281	138	275298	22.337	ng/ul	88
52) Acenaphthene	14.428	153	1205442	19.508	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	81271	20.592	ng/ul#	82
55) 4-Nitrophenol	14.598	109	178099	20.931	ng/ul#	72
56) Dibenzofuran	14.763	168	1654790	19.551	ng/ul	96
57) 2,4-Dinitrotoluene	14.734	165	335375	24.415	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.992	232	265825	20.875	ng/ul	90
59) Diethylphthalate	15.204	149	1235881	18.118	ng/ul	98
61) Fluorene	15.422	166	1278346	18.941	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.422	204	593221	18.777	ng/ul	98
63) 4-Nitroaniline	15.445	138	275945	24.216	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.498	198	138160	21.322	ng/ul	97
67) N-Nitrosodiphenylamine	15.639	169	1069769	19.514	ng/ul	98
68) 4-Bromophenyl-phenylether	16.322	248	337276	18.594	ng/ul	96
69) Hexachlorobenzene	16.422	284	388788	18.505	ng/ul	95
70) Atrazine	16.604	200	334675	18.414	ng/ul	97
71) Pentachlorophenol	16.775	266	207812	19.209	ng/ul	97
72) Phenanthrene	17.169	178	1904475	19.759	ng/ul	98
74) Anthracene	17.263	178	1908794	19.690	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	580047	19.421	ng/ul	97
76) Pentachlorobenzene	14.681	250	502779	19.628	ng/ul	99
77) Carbazole	17.539	167	1765641	20.234	ng/ul	100
78) Di-n-butylphthalate	18.110	149	1868826	17.972	ng/ul	99
80) Fluoranthene	19.151	202	2093491	17.342	ng/ul#	88
82) Pyrene	19.504	202	2197203	18.022	ng/ul#	84
83) Butylbenzylphthalate	20.404	149	867660	20.219	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.169	252	756792	20.342	ng/ul#	98
85) Benzo(a)anthracene	21.227	228	2187577	19.414	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	1225289	18.031	ng/ul#	96
87) Chrysene	21.280	228	2123634	19.667	ng/ul	99
89) Di-n-octyl phthalate	22.086	149	2185097	18.045	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	2495811	19.672	ng/ul#	96
91) Benzo(k)fluoranthene	22.933	252	2263913	18.773	ng/ul#	95
93) Benzo(a)pyrene	23.504	252	2456790	19.907	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.057	276	2943429	19.765	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.080	278	2527668	19.788	ng/ul#	93
96) Benzo(g,h,i)perylene	26.809	276	2509165	19.808	ng/ul#	88

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

