

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081922\
 Data File : BG054665.D
 Acq On : 19 Aug 2022 15:08
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020579

Quant Time: Aug 20 02:47:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 18 03:22:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	44334	20.000	ng/u1	0.00
20) Naphthalene-d8	10.991	136	191466	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.798	164	125845	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.542	188	284143	20.000	ng/u1	0.00
79) Chrysene-d12	21.837	240	274906	20.000	ng/u1	0.00
88) Perylene-d12	25.221	264	278895	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.512	96	9301	8.299	ng/uL	0.00
4) Pyridine-d5	3.935	84	67841	20.312	ng/u1	0.00
7) Phenol-d5	7.295	99	72834	19.323	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.478	67	47400	19.653	ng/u1	0.00
11) 2-Chlorophenol-d4	7.689	132	52421	19.664	ng/u1	0.00
15) 4-Methylphenol-d8	8.858	113	56302	19.773	ng/u1	0.00
21) Nitrobenzene-d5	9.334	128	24798	20.634	ng/u1	0.00
24) 2-Nitrophenol-d4	10.063	143	19294	17.931	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.597	165	54038	19.157	ng/u1	0.00
31) 4-Chloroaniline-d4	11.115	131	80115	19.784	ng/u1	0.00
46) Dimethylphthalate-d6	14.193	166	167136	19.329	ng/u1	0.00
49) Acenaphthylene-d8	14.493	160	201044	19.419	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	26061	19.071	ng/u1	0.00
60) Fluorene-d10	15.786	176	152510	19.451	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.885	200	15149	15.656	ng/u1	0.00
73) Anthracene-d10	17.642	188	243243	19.682	ng/u1	0.00
81) Pyrene-d10	19.922	212	278552	19.534	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.986	264	265762	19.405	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.547	88	10549	8.351	ng/uL#	93
5) Pyridine	3.958	79	66974	20.075	ng/u1	92
6) Benzaldehyde	7.295	77	39282	21.308	ng/u1	99
8) Phenol	7.325	94	74519	19.850	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.572	93	60462	19.799	ng/u1	99
12) 2-Chlorophenol	7.718	128	57221	19.983	ng/u1	97
13) 2-Methylphenol	8.594	108	55328	19.281	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.694	45	93763	18.741	ng/u1#	96
16) Acetophenone	8.988	105	90146	20.294	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.970	70	47498	19.675	ng/u1	98
18) 4-Methylphenol	8.923	108	59235	19.780	ng/u1	95
19) Hexachloroethane	9.258	117	23139	19.836	ng/u1	98
22) Nitrobenzene	9.375	77	62573	19.801	ng/u1	95
23) Isophorone	9.898	82	129638	18.933	ng/u1	97
25) 2-Nitrophenol	10.092	139	24239	19.095	ng/u1	96
26) 2,4-Dimethylphenol	10.133	107	64928	19.109	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.380	93	81083	19.230	ng/u1	98
29) 2,4-Dichlorophenol	10.621	162	53092	19.507	ng/u1	98
30) Naphthalene	11.038	128	191613	19.414	ng/u1	100
32) 4-Chloroaniline	11.144	127	82660	19.959	ng/u1	97
33) Hexachlorobutadiene	11.320	225	38842	19.026	ng/u1	97
34) Caprolactam	11.890	113	17488	18.830	ng/u1	93
35) 4-Chloro-3-methylphenol	12.243	107	57424	19.349	ng/u1	100
36) 2-Methylnaphthalene	12.636	142	130376	19.360	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.854	142	131295	19.624	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.995	216	72185	18.848	ng/ul	99
40) Hexachlorocyclopentadiene	12.971	237	42659	17.550	ng/ul	96
41) 2,4,6-Trichlorophenol	13.230	196	41809	18.596	ng/ul	98
42) 2,4,5-Trichlorophenol	13.294	196	45789	18.706	ng/ul	96
43) 1,1'-Biphenyl	13.629	154	174643	19.221	ng/ul	100
44) 2-Chloronaphthalene	13.676	162	133783	19.432	ng/ul	98
45) 2-Nitroaniline	13.870	65	32605	20.189	ng/ul	97
47) Dimethylphthalate	14.240	163	171624	19.658	ng/ul	98
48) 2,6-Dinitrotoluene	14.364	165	28676	20.984	ng/ul	94
50) Acenaphthylene	14.522	152	223394	19.494	ng/ul	99
51) 3-Nitroaniline	14.693	138	27410	18.855	ng/ul	92
52) Acenaphthene	14.857	153	148315	19.475	ng/ul	98
53) 2,4-Dinitrophenol	14.887	184	10856	15.914	ng/ul#	82
55) 4-Nitrophenol	14.981	109	20205	17.968	ng/ul	93
56) Dibenzofuran	15.192	168	203045	19.356	ng/ul	100
57) 2,4-Dinitrotoluene	15.145	165	40418	21.815	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.409	232	36821	18.688	ng/ul#	98
59) Diethylphthalate	15.597	149	170090	19.633	ng/ul	100
61) Fluorene	15.838	166	167819	19.621	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.833	204	84275	19.236	ng/ul	100
63) 4-Nitroaniline	15.850	138	27566	20.331	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.903	198	16651	16.130	ng/ul	93
67) N-Nitrosodiphenylamine	16.038	169	148263	19.319	ng/ul	98
68) 4-Bromophenyl-phenylether	16.726	248	57205	19.526	ng/ul	98
69) Hexachlorobenzene	16.837	284	64845	19.398	ng/ul	99
70) Atrazine	16.984	200	54531	18.692	ng/ul	97
71) Pentachlorophenol	17.184	266	30687	16.613	ng/ul	97
72) Phenanthrene	17.583	178	277065	19.601	ng/ul	99
74) Anthracene	17.677	178	281995	19.807	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.600	216	77042	18.861	ng/uL	98
76) Pentachlorobenzene	15.110	250	71988	18.502	ng/uL	96
77) Carbazole	17.942	167	253784	20.135	ng/ul	100
78) Di-n-butylphthalate	18.494	149	293178	19.887	ng/ul	99
80) Fluoranthene	19.587	202	348732	19.552	ng/ul	99
82) Pyrene	19.951	202	345658	19.497	ng/ul	100
83) Butylbenzylphthalate	20.833	149	113491	18.695	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.726	252	114465	19.223	ng/ul	95
85) Benzo(a)anthracene	21.820	228	330344	19.337	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.720	149	171571	18.823	ng/ul	98
87) Chrysene	21.884	228	316511	19.253	ng/ul	100
89) Di-n-octyl phthalate	22.989	149	280802	18.159	ng/ul	100
90) Benzo(b)fluoranthene	24.135	252	344783	19.571	ng/ul	99
91) Benzo(k)fluoranthene	24.205	252	318999	19.541	ng/ul	98
93) Benzo(a)pyrene	25.057	252	331003	19.558	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.105	276	379758	19.103	ng/ul	98
95) Dibenzo(a,h)anthracene	29.182	278	323095	19.225	ng/ul	99
96) Benzo(g,h,i)perylene	30.321	276	317604	19.152	ng/ul	99

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

