

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010322\
 Data File : BG051863.D
 Acq On : 3 Jan 2022 20:03
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020469

Quant Time: Jan 04 01:24:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 31 00:13:36 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2022
 Supervised By :mohammad ahmed 01/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	28565	20.000	ng/ul	0.00
20) Naphthalene-d8	11.096	136	119085	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.896	164	90519	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.646	188	231185	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.963	240	223143	20.000	ng/ul	# 0.00
88) Perylene-d12	25.447	264	216787	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.582	96	5851m	8.507	ng/uL	-0.01
4) Pyridine-d5	4.017	84	47843	23.022	ng/ul	0.00
7) Phenol-d5	7.401	99	55168	21.630	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.565	67	35708	23.551	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.788	132	39313	22.163	ng/ul	0.00
15) 4-Methylphenol-d8	8.963	113	43217	21.921	ng/ul	0.00
21) Nitrobenzene-d5	9.433	128	19485	22.317	ng/ul	0.00
24) 2-Nitrophenol-d4	10.162	143	20561	21.543	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.714	165	43925	21.222	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	56982	20.910	ng/ul	-0.01
46) Dimethylphthalate-d6	14.285	166	149012	20.567	ng/ul	0.00
49) Acenaphthylene-d8	14.591	160	181085	20.125	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.073	143	25840	21.932	ng/ul	0.00
60) Fluorene-d10	15.883	176	134642	20.742	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.989	200	25873	21.480	ng/ul	0.00
73) Anthracene-d10	17.740	188	223813	20.295	ng/ul	0.00
81) Pyrene-d10	20.019	212	287289	21.392	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.206	264	240966	21.125	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.623	88	6873	9.575	ng/uL	90
5) Pyridine	4.040	79	49137	23.568	ng/ul	94
6) Benzaldehyde	7.377	77	42046m	26.423	ng/ul	
8) Phenol	7.430	94	56350	22.219	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.659	93	42297	21.862	ng/ul	98
12) 2-Chlorophenol	7.824	128	39131	21.505	ng/ul	98
13) 2-Methylphenol	8.699	108	41257	21.561	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.781	45	64401	24.539	ng/ul	98
16) Acetophenone	9.087	105	68407	22.090	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.063	70	42152	22.685	ng/ul	96
18) 4-Methylphenol	9.022	108	45556	22.589	ng/ul	89
19) Hexachloroethane	9.363	117	16940	21.336	ng/ul	87
22) Nitrobenzene	9.474	77	60033	23.640	ng/ul#	96
23) Isophorone	10.003	82	112203	22.008	ng/ul	99
25) 2-Nitrophenol	10.197	139	22370	21.927	ng/ul	93
26) 2,4-Dimethylphenol	10.244	107	52575	21.389	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.479	93	58910	21.761	ng/ul	94
29) 2,4-Dichlorophenol	10.737	162	42119	21.388	ng/ul	93
30) Naphthalene	11.148	128	135335	21.094	ng/ul	97
32) 4-Chloroaniline	11.242	127	60380	21.699	ng/ul	97
33) Hexachlorobutadiene	11.436	225	33704	20.159	ng/ul	99
34) Caprolactam	11.994	113	15237	25.556	ng/ul	87
35) 4-Chloro-3-methylphenol	12.353	107	49665	22.508	ng/ul	95
36) 2-Methylnaphthalene	12.740	142	96712	21.130	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.958	142	100364	21.118	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.105	216	63101	20.041	ng/ul	93
40) Hexachlorocyclopentadiene	13.087	237	46051	20.144	ng/ul	96
41) 2,4,6-Trichlorophenol	13.334	196	41486	21.766	ng/ul	98
42) 2,4,5-Trichlorophenol	13.410	196	45731	22.893	ng/ul	96
43) 1,1'-Biphenyl	13.733	154	139318	20.093	ng/ul#	95
44) 2-Chloronaphthalene	13.780	162	107793	20.108	ng/ul	97
45) 2-Nitroaniline	13.968	65	40830	24.933	ng/ul	95
47) Dimethylphthalate	14.332	163	148389	21.096	ng/ul	99
48) 2,6-Dinitrotoluene	14.456	165	29678	22.071	ng/ul	96
50) Acenaphthylene	14.620	152	182438	20.723	ng/ul	95
51) 3-Nitroaniline	14.785	138	30278	23.549	ng/ul	95
52) Acenaphthene	14.961	153	116897	20.099	ng/ul	97
53) 2,4-Dinitrophenol	14.990	184	17009	21.882	ng/ul	92
55) 4-Nitrophenol	15.090	109	29454	23.301	ng/ul	82
56) Dibenzofuran	15.296	168	172838	20.179	ng/ul	98
57) 2,4-Dinitrotoluene	15.243	165	44928	23.574	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.513	232	42057	22.154	ng/ul#	92
59) Diethylphthalate	15.695	149	151197	20.635	ng/ul	97
61) Fluorene	15.942	166	143706	20.362	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.924	204	78217	19.898	ng/ul	97
63) 4-Nitroaniline	15.948	138	33446	25.363	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	16.007	198	24711	20.890	ng/ul#	99
67) N-Nitrosodiphenylamine	16.136	169	125262	20.144	ng/ul	98
68) 4-Bromophenyl-phenylether	16.823	248	55537	23.589	ng/ul#	85
69) Hexachlorobenzene	16.952	284	61567	20.810	ng/ul#	90
70) Atrazine	17.076	200	58409	20.933	ng/ul	98
71) Pentachlorophenol	17.287	266	38928	21.475	ng/ul	95
72) Phenanthrene	17.687	178	245356	20.634	ng/ul	99
74) Anthracene	17.781	178	250381	20.843	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.704	216	70794	19.905	ng/ul	97
76) Pentachlorobenzene	15.214	250	68124	20.037	ng/ul	98
77) Carbazole	18.039	167	227242	21.125	ng/ul	97
78) Di-n-butylphthalate	18.585	149	272583	21.056	ng/ul	98
80) Fluoranthene	19.684	202	331334	21.494	ng/ul#	90
82) Pyrene	20.048	202	323901	21.232	ng/ul#	88
83) Butylbenzylphthalate	20.918	149	113446	22.174	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.840	252	113957	21.669	ng/ul#	94
85) Benzo(a)anthracene	21.940	228	305047	21.012	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.822	149	156719	21.869	ng/ul#	98
87) Chrysene	22.010	228	291738	20.801	ng/ul	98
89) Di-n-octyl phthalate	23.126	149	258370	22.127	ng/ul	100
90) Benzo(b)fluoranthene	24.331	252	312230	21.502	ng/ul#	95
91) Benzo(k)fluoranthene	24.401	252	285701	21.010	ng/ul#	95
93) Benzo(a)pyrene	25.276	252	286744	20.924	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.453	276	327389	21.882	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.524	278	274529	21.484	ng/ul#	93
96) Benzo(g,h,i)perylene	30.698	276	274461m	21.647	ng/ul	

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

