

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123021\
 Data File : BG051855.D
 Acq On : 30 Dec 2021 20:52
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020467

Quant Time: Jan 03 13:41:57 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 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	26068	20.000	ng/u1	0.00
20) Naphthalene-d8	11.101	136	108814	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.902	164	79557	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.645	188	213704	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.963	240	211328	20.000	ng/u1	# 0.00
88) Perylene-d12	25.446	264	210074	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.594	96	4757	7.579	ng/uL	0.00
4) Pyridine-d5	4.022	84	37391	19.716	ng/u1	0.00
7) Phenol-d5	7.406	99	43341	18.621	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.571	67	28525	20.616	ng/u1	0.00
11) 2-Chlorophenol-d4	7.794	132	29524	18.238	ng/u1	0.00
15) 4-Methylphenol-d8	8.963	113	32229	17.914	ng/u1	0.00
21) Nitrobenzene-d5	9.433	128	15482	19.406	ng/u1	0.00
24) 2-Nitrophenol-d4	10.167	143	17341	19.884	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.713	165	34711	18.354	ng/u1	0.00
31) 4-Chloroaniline-d4	11.224	131	43520	17.478	ng/u1	0.00
46) Dimethylphthalate-d6	14.291	166	115594	18.153	ng/u1	0.00
49) Acenaphthylene-d8	14.596	160	139995	17.702	ng/u1	0.00
54) 4-Nitrophenol-d4	15.078	143	20938	20.220	ng/u1	0.00
60) Fluorene-d10	15.889	176	103450	18.133	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.994	200	22184	19.924	ng/u1	0.00
73) Anthracene-d10	17.745	188	183638	18.014	ng/u1	0.00
81) Pyrene-d10	20.018	212	238421	18.746	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.205	264	201250	18.207	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.629	88	5472m	8.353	ng/uL	
5) Pyridine	4.046	79	40674	21.378	ng/u1	89
6) Benzaldehyde	7.388	77	33296	22.928	ng/u1	95
8) Phenol	7.430	94	44502	19.229	ng/u1#	77
10) Bis(2-Chloroethyl)ether	7.665	93	33790	19.137	ng/u1	99
12) 2-Chlorophenol	7.823	128	30871	18.591	ng/u1	90
13) 2-Methylphenol	8.698	108	31885	18.260	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.792	45	53662	22.406	ng/u1	97
16) Acetophenone	9.092	105	52335	18.519	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.068	70	33294	19.634	ng/u1#	86
18) 4-Methylphenol	9.033	108	35622	19.355	ng/u1	85
19) Hexachloroethane	9.368	117	13603	18.775	ng/u1#	77
22) Nitrobenzene	9.474	77	48798	21.030	ng/u1#	97
23) Isophorone	10.003	82	87557	18.795	ng/u1	99
25) 2-Nitrophenol	10.202	139	18083	19.398	ng/u1#	90
26) 2,4-Dimethylphenol	10.249	107	41447	18.453	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.484	93	44712	18.075	ng/u1#	97
29) 2,4-Dichlorophenol	10.737	162	32073	17.824	ng/u1	95
30) Naphthalene	11.154	128	105579	18.010	ng/u1	98
32) 4-Chloroaniline	11.248	127	47013	18.490	ng/u1	97
33) Hexachlorobutadiene	11.436	225	27183	17.793	ng/u1	99
34) Caprolactam	12.000	113	12420m	22.798	ng/u1	
35) 4-Chloro-3-methylphenol	12.358	107	37442	18.570	ng/u1	91
36) 2-Methylnaphthalene	12.746	142	74750	17.873	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.957	142	77097	17.754	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.104	216	49547	17.905	ng/ul	99
40) Hexachlorocyclopentadiene	13.092	237	42279	21.042	ng/ul	99
41) 2,4,6-Trichlorophenol	13.339	196	30842	18.411	ng/ul	97
42) 2,4,5-Trichlorophenol	13.416	196	33674	19.180	ng/ul	97
43) 1,1'-Biphenyl	13.733	154	109667	17.996	ng/ul	97
44) 2-Chloronaphthalene	13.780	162	85867	18.225	ng/ul	99
45) 2-Nitroaniline	13.974	65	32826	22.807	ng/ul#	87
47) Dimethylphthalate	14.338	163	113862	18.418	ng/ul	99
48) 2,6-Dinitrotoluene	14.455	165	24429	20.671	ng/ul	92
50) Acenaphthylene	14.626	152	140647	18.177	ng/ul	97
51) 3-Nitroaniline	14.790	138	23408	20.714	ng/ul	92
52) Acenaphthene	14.961	153	90504	17.705	ng/ul	92
53) 2,4-Dinitrophenol	14.996	184	18618	27.253	ng/ul	94
55) 4-Nitrophenol	15.090	109	24417	21.978	ng/ul	86
56) Dibenzofuran	15.295	168	136674	18.155	ng/ul	98
57) 2,4-Dinitrotoluene	15.242	165	35691	21.308	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.519	232	33093	19.834	ng/ul	93
59) Diethylphthalate	15.695	149	119174	18.505	ng/ul	98
61) Fluorene	15.942	166	112178	18.085	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.930	204	62931	18.215	ng/ul	94
63) 4-Nitroaniline	15.947	138	25502	22.004	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.006	198	22162	20.268	ng/ul#	96
67) N-Nitrosodiphenylamine	16.141	169	98867	17.200	ng/ul	97
68) 4-Bromophenyl-phenylether	16.823	248	43563	20.016	ng/ul#	89
69) Hexachlorobenzene	16.952	284	49892	18.243	ng/ul#	88
70) Atrazine	17.081	200	47610	18.459	ng/ul	97
71) Pentachlorophenol	17.293	266	33827	20.187	ng/ul	96
72) Phenanthrene	17.686	178	195379	17.775	ng/ul	99
74) Anthracene	17.780	178	199533	17.969	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.709	216	55481	16.875	ng/uL	98
76) Pentachlorobenzene	15.219	250	51803	16.483	ng/uL	98
77) Carbazole	18.045	167	183884	18.493	ng/ul	98
78) Di-n-butylphthalate	18.585	149	223481	18.675	ng/ul	99
80) Fluoranthene	19.689	202	274366	18.793	ng/ul#	88
82) Pyrene	20.048	202	268004	18.550	ng/ul#	89
83) Butylbenzylphthalate	20.923	149	93368	19.270	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.839	252	88752	17.820	ng/ul#	96
85) Benzo(a)anthracene	21.939	228	252732	18.382	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.828	149	126935	18.703	ng/ul#	97
87) Chrysene	22.016	228	239382	18.022	ng/ul	99
89) Di-n-octyl phthalate	23.126	149	211732	18.713	ng/ul	100
90) Benzo(b)fluoranthene	24.330	252	256606	18.236	ng/ul#	94
91) Benzo(k)fluoranthene	24.407	252	232812	17.668	ng/ul#	95
93) Benzo(a)pyrene	25.282	252	236103	17.779	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.464	276	260018	17.935	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.535	278	220581	17.814	ng/ul#	92
96) Benzo(g,h,i)perylene	30.722	276	219792	17.889	ng/ul#	87

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

