

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010622\
 Data File : BG051916.D
 Acq On : 7 Jan 2022 15:41
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020475

Quant Time: Jan 07 22:53:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2022
 Supervised By :mohammad ahmed 01/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	28116	20.000	ng/u1	0.00
20) Naphthalene-d8	11.089	136	112228	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.890	164	77590	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.639	188	204180	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.957	240	206841	20.000	ng/u1	# 0.00
88) Perylene-d12	25.452	264	219190	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.576	96	6062m	7.704	ng/uL	0.00
4) Pyridine-d5	4.005	84	49890	20.397	ng/u1	0.00
7) Phenol-d5	7.388	99	53329	19.380	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	35001	20.036	ng/u1	0.00
11) 2-Chlorophenol-d4	7.776	132	37260	20.451	ng/u1	0.00
15) 4-Methylphenol-d8	8.951	113	41809	19.545	ng/u1	0.00
21) Nitrobenzene-d5	9.421	128	19103	21.542	ng/u1	0.00
24) 2-Nitrophenol-d4	10.149	143	20913	21.323	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.701	165	41977	21.897	ng/u1	0.00
31) 4-Chloroaniline-d4	11.212	131	52218	19.559	ng/u1	0.00
46) Dimethylphthalate-d6	14.279	166	126279	19.690	ng/u1	0.00
49) Acenaphthylene-d8	14.584	160	160065	20.661	ng/u1	0.00
54) 4-Nitrophenol-d4	15.066	143	22292	20.790	ng/u1	0.00
60) Fluorene-d10	15.877	176	112577	20.133	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	25015	19.421	ng/u1	0.00
73) Anthracene-d10	17.739	188	200943	20.746	ng/u1	0.00
81) Pyrene-d10	20.018	212	254563	21.385	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.211	264	237283	20.563	ng/u1	0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.611	88	6942	7.646	ng/uL#	83
5) Pyridine	4.022	79	51692	20.172	ng/u1	97
6) Benzaldehyde	7.371	77	42134m	23.017	ng/u1	
8) Phenol	7.418	94	55397	19.723	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.647	93	41915	20.386	ng/u1	98
12) 2-Chlorophenol	7.805	128	38706	20.883	ng/u1	93
13) 2-Methylphenol	8.686	108	39894	19.532	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.769	45	64033	20.419	ng/u1	99
16) Acetophenone	9.074	105	66548	19.711	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.051	70	40246	19.513	ng/u1	94
18) 4-Methylphenol	9.015	108	44135	19.948	ng/u1	89
19) Hexachloroethane	9.356	117	16505	20.626	ng/u1#	72
22) Nitrobenzene	9.462	77	58662	21.327	ng/u1#	98
23) Isophorone	9.991	82	107210	20.616	ng/u1	98
25) 2-Nitrophenol	10.184	139	22593	20.960	ng/u1	97
26) 2,4-Dimethylphenol	10.237	107	49002	20.952	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.466	93	54160	20.228	ng/u1#	94
29) 2,4-Dichlorophenol	10.725	162	40346	21.429	ng/u1	96
30) Naphthalene	11.142	128	123511	20.309	ng/u1	97
32) 4-Chloroaniline	11.236	127	54916	20.184	ng/u1	95
33) Hexachlorobutadiene	11.430	225	31228	20.808	ng/u1	100
34) Caprolactam	11.982	113	15364m	20.967	ng/u1	
35) 4-Chloro-3-methylphenol	12.346	107	45796	21.067	ng/u1	94
36) 2-Methylnaphthalene	12.734	142	89007	20.547	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.951	142	90135	20.274	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	13.098	216	56870	21.195	ng/ul	94
40) Hexachlorocyclopentadiene	13.081	237	39177	21.279	ng/ul	93
41) 2,4,6-Trichlorophenol	13.327	196	38963	22.975	ng/ul	98
42) 2,4,5-Trichlorophenol	13.404	196	41189	22.530	ng/ul	98
43) 1,1'-Biphenyl	13.727	154	127150	21.227	ng/ul#	92
44) 2-Chloronaphthalene	13.774	162	96775	20.861	ng/ul	95
45) 2-Nitroaniline	13.962	65	39943	22.467	ng/ul	93
47) Dimethylphthalate	14.326	163	147025	23.249	ng/ul	99
48) 2,6-Dinitrotoluene	14.449	165	27120	20.340	ng/ul	93
50) Acenaphthylene	14.614	152	155360	20.365	ng/ul	97
51) 3-Nitroaniline	14.784	138	27920	23.149	ng/ul#	96
52) Acenaphthene	14.954	153	104380	20.579	ng/ul	97
53) 2,4-Dinitrophenol	14.984	184	16596	21.111	ng/ul	97
55) 4-Nitrophenol	15.084	109	26796	21.777	ng/ul#	81
56) Dibenzofuran	15.283	168	142444	19.336	ng/ul	98
57) 2,4-Dinitrotoluene	15.236	165	37784	19.600	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.513	232	36644	21.610	ng/ul#	88
59) Diethylphthalate	15.683	149	133976	20.535	ng/ul	98
61) Fluorene	15.935	166	127609	20.788	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.924	204	70350	20.652	ng/ul	90
63) 4-Nitroaniline	15.935	138	28593	23.074	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.000	198	24636	20.006	ng/ul	96
67) N-Nitrosodiphenylamine	16.129	169	114009	20.780	ng/ul	97
68) 4-Bromophenyl-phenylether	16.817	248	50415	21.092	ng/ul#	87
69) Hexachlorobenzene	16.946	284	54694	20.631	ng/ul#	88
70) Atrazine	17.075	200	55156	21.669	ng/ul	99
71) Pentachlorophenol	17.287	266	33949	22.931	ng/ul	95
72) Phenanthrene	17.680	178	218947	20.465	ng/ul	100
74) Anthracene	17.774	178	218633	20.415	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.697	216	63336	20.654	ng/ul	99
76) Pentachlorobenzene	15.207	250	55530	18.606	ng/ul	98
77) Carbazole	18.039	167	202793	21.015	ng/ul	97
78) Di-n-butylphthalate	18.579	149	243847	21.377	ng/ul	98
80) Fluoranthene	19.683	202	290518	21.118	ng/ul#	91
82) Pyrene	20.048	202	287125	21.199	ng/ul#	89
83) Butylbenzylphthalate	20.917	149	106306	22.553	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.839	252	101189	21.193	ng/ul#	95
85) Benzo(a)anthracene	21.939	228	287892	21.164	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.822	149	151160	21.928	ng/ul#	99
87) Chrysene	22.010	228	274078	20.924	ng/ul	100
89) Di-n-octyl phthalate	23.126	149	257634	21.278	ng/ul	100
90) Benzo(b)fluoranthene	24.336	252	298280	20.534	ng/ul#	95
91) Benzo(k)fluoranthene	24.401	252	280402	20.878	ng/ul#	96
93) Benzo(a)pyrene	25.288	252	281948	20.509	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.464	276	328235	20.858	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.535	278	280266	21.056	ng/ul#	93
96) Benzo(g,h,i)perylene	30.727	276	274266	20.728	ng/ul#	89

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

