

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011722\
 Data File : BG052043.D
 Acq On : 18 Jan 2022 4:11
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020492

Quant Time: Jan 18 10:06:01 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 02/03/2022
 Supervised By :Yogesh Patel 02/04/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	29197	20.000	ng/u1	0.00
20) Naphthalene-d8	11.084	136	122657	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.890	164	91253	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.640	188	228392	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.963	240	212503	20.000	ng/u1	# 0.00
88) Perylene-d12	25.452	264	221302	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.576	96	5359	6.559	ng/uL	0.00
4) Pyridine-d5	3.999	84	43014	16.935	ng/u1	0.00
7) Phenol-d5	7.383	99	51094	17.880	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	30432	16.776	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.771	132	36303	19.188	ng/u1	0.00
15) 4-Methylphenol-d8	8.945	113	40764	18.351	ng/u1	0.00
21) Nitrobenzene-d5	9.415	128	19208	19.818	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	21314	19.884	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	42909	20.480	ng/u1	0.00
31) 4-Chloroaniline-d4	11.207	131	54542	18.693	ng/u1	0.00
46) Dimethylphthalate-d6	14.279	166	140758	18.661	ng/u1	0.00
49) Acenaphthylene-d8	14.585	160	175893	19.305	ng/u1	0.00
54) 4-Nitrophenol-d4	15.067	143	22482	17.828	ng/u1	0.00
60) Fluorene-d10	15.883	176	125748	19.121	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.989	200	26259	18.225	ng/u1	0.00
73) Anthracene-d10	17.739	188	210646	19.442	ng/u1	0.00
81) Pyrene-d10	20.019	212	248954	20.356	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.212	264	226306	19.425	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.606	88	6899	7.318	ng/uL	89
5) Pyridine	4.017	79	43248	16.252	ng/u1	98
6) Benzaldehyde	7.365	77	35340	18.591	ng/u1	93
8) Phenol	7.412	94	51398	17.622	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.641	93	37219	17.432	ng/u1	99
12) 2-Chlorophenol	7.800	128	36575	19.003	ng/u1	97
13) 2-Methylphenol	8.681	108	37196	17.537	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.769	45	54297	16.673	ng/u1#	96
16) Acetophenone	9.069	105	61706	17.600	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.051	70	36281	16.939	ng/u1	98
18) 4-Methylphenol	9.010	108	42453	18.478	ng/u1	96
19) Hexachloroethane	9.345	117	14712	17.705	ng/u1#	79
22) Nitrobenzene	9.456	77	52372	17.421	ng/u1#	94
23) Isophorone	9.985	82	100840	17.743	ng/u1	99
25) 2-Nitrophenol	10.179	139	23083	19.594	ng/u1	95
26) 2,4-Dimethylphenol	10.232	107	48846	19.109	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.461	93	52688	18.005	ng/u1	99
29) 2,4-Dichlorophenol	10.719	162	39584	19.237	ng/u1	97
30) Naphthalene	11.137	128	126320	19.005	ng/u1	99
32) 4-Chloroaniline	11.231	127	55832	18.776	ng/u1	95
33) Hexachlorobutadiene	11.424	225	30265	18.452	ng/u1	98
34) Caprolactam	11.977	113	15150	18.917	ng/u1	85
35) 4-Chloro-3-methylphenol	12.341	107	47346	19.928	ng/u1	96
36) 2-Methylnaphthalene	12.729	142	93777	19.807	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.946	142	94795	19.510	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.093	216	61674	19.544	ng/ul	93
40) Hexachlorocyclopentadiene	13.075	237	39233	18.119	ng/ul	96
41) 2,4,6-Trichlorophenol	13.328	196	38855	19.481	ng/ul	93
42) 2,4,5-Trichlorophenol	13.398	196	42096	19.579	ng/ul	95
43) 1,1'-Biphenyl	13.721	154	132805	18.852	ng/ul#	96
44) 2-Chloronaphthalene	13.768	162	105506	19.338	ng/ul	98
45) 2-Nitroaniline	13.962	65	39123	18.711	ng/ul	98
47) Dimethylphthalate	14.326	163	137188	18.446	ng/ul	97
48) 2,6-Dinitrotoluene	14.450	165	31089	19.825	ng/ul	88
50) Acenaphthylene	14.614	152	171380	19.102	ng/ul	96
51) 3-Nitroaniline	14.779	138	29911	21.086	ng/ul	92
52) Acenaphthene	14.955	153	113866	19.088	ng/ul	98
53) 2,4-Dinitrophenol	14.984	184	17321	18.735	ng/ul	92
55) 4-Nitrophenol	15.084	109	23260	16.073	ng/ul	86
56) Dibenzofuran	15.284	168	165290	19.078	ng/ul	99
57) 2,4-Dinitrotoluene	15.237	165	43642	19.249	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.507	232	38832	19.472	ng/ul	91
59) Diethylphthalate	15.683	149	139841	18.224	ng/ul	99
61) Fluorene	15.936	166	137547	19.052	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.918	204	76632	19.127	ng/ul	93
63) 4-Nitroaniline	15.942	138	29702	20.380	ng/ul#	89
66) 4,6-Dinitro-2-methylph...	16.001	198	24886	18.066	ng/ul#	98
67) N-Nitrosodiphenylamine	16.130	169	121078	19.729	ng/ul	98
68) 4-Bromophenyl-phenylether	16.817	248	51002	19.075	ng/ul#	84
69) Hexachlorobenzene	16.946	284	58031	19.570	ng/ul#	88
70) Atrazine	17.070	200	55149	19.369	ng/ul	98
71) Pentachlorophenol	17.287	266	33236	20.069	ng/ul	96
72) Phenanthrene	17.681	178	225911	18.877	ng/ul	97
74) Anthracene	17.775	178	229012	19.117	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.698	216	64884	18.916	ng/ul	99
76) Pentachlorobenzene	15.208	250	67128	20.107	ng/ul	97
77) Carbazole	18.039	167	198642	18.402	ng/ul	97
78) Di-n-butylphthalate	18.579	149	237415	18.607	ng/ul	99
80) Fluoranthene	19.684	202	289098	20.455	ng/ul#	91
82) Pyrene	20.048	202	282094	20.273	ng/ul#	89
83) Butylbenzylphthalate	20.917	149	100099	20.670	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.840	252	106325	21.675	ng/ul#	94
85) Benzo(a)anthracene	21.940	228	278651	19.939	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.822	149	140581	19.850	ng/ul#	96
87) Chrysene	22.010	228	261006	19.395	ng/ul	97
89) Di-n-octyl phthalate	23.126	149	238315	19.494	ng/ul	100
90) Benzo(b)fluoranthene	24.336	252	283793	19.350	ng/ul#	95
91) Benzo(k)fluoranthene	24.407	252	266023	19.618	ng/ul#	96
93) Benzo(a)pyrene	25.288	252	268766	19.364	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.476	276	308136	19.394	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.553	278	262310	19.519	ng/ul#	93
96) Benzo(g,h,i)perylene	30.728	276	259445	19.421	ng/ul#	88

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

