

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052839.D
 Acq On : 25 Mar 2022 21:55
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020545

Quant Time: Mar 25 23:29:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 23 13:16:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2022
 Supervised By :mohammad ahmed 03/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	27096	20.000	ng/u1	0.00
20) Naphthalene-d8	10.954	136	124628	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.761	164	100173	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	245781	20.000	ng/u1	0.00
79) Chrysene-d12	21.792	240	261194	20.000	ng/u1	0.00
88) Perylene-d12	25.106	264	268824	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.558	96	6926	9.029	ng/uL	0.00
4) Pyridine-d5	3.970	84	34364	17.944	ng/u1	0.00
7) Phenol-d5	7.283	99	49546	20.416	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.453	67	29092	19.627	ng/u1	0.00
11) 2-Chlorophenol-d4	7.670	132	32116	19.490	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	38205	21.732	ng/u1	0.00
21) Nitrobenzene-d5	9.298	128	18243	20.335	ng/u1	0.00
24) 2-Nitrophenol-d4	10.020	143	20781	21.962	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.566	165	40978	19.906	ng/u1	0.00
31) 4-Chloroaniline-d4	11.078	131	55917	20.552	ng/u1	0.00
46) Dimethylphthalate-d6	14.156	166	149824	19.468	ng/u1	0.00
49) Acenaphthylene-d8	14.455	160	178257	19.062	ng/u1	0.00
54) 4-Nitrophenol-d4	14.931	143	27007	20.873	ng/u1	0.00
60) Fluorene-d10	15.754	176	128910	19.077	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.853	200	25669	20.522	ng/u1	0.00
73) Anthracene-d10	17.604	188	216643m	18.929	ng/u1	0.00
81) Pyrene-d10	19.883	212	271380	18.573	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.882	264	263435	18.966	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.588	88	5859	6.234	ng/uL	92
5) Pyridine	3.987	79	38564	18.637	ng/u1	89
6) Benzaldehyde	7.271	77	35856	22.224	ng/u1	96
8) Phenol	7.312	94	48946	20.926	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.553	93	35295	20.003	ng/u1	95
12) 2-Chlorophenol	7.706	128	33327	19.795	ng/u1	95
13) 2-Methylphenol	8.575	108	39004	21.456	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.669	45	58692	20.464	ng/u1	98
16) Acetophenone	8.957	105	63401	23.117	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.939	70	36052	22.549	ng/u1	97
18) 4-Methylphenol	8.898	108	41296	21.804	ng/u1	98
19) Hexachloroethane	9.233	117	13868	18.565	ng/u1	93
22) Nitrobenzene	9.339	77	53096	20.255	ng/u1	91
23) Isophorone	9.867	82	102989	20.555	ng/u1	97
25) 2-Nitrophenol	10.055	139	21444	21.854	ng/u1	92
26) 2,4-Dimethylphenol	10.108	107	49153	20.216	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.343	93	54839	19.681	ng/u1	98
29) 2,4-Dichlorophenol	10.590	162	39442	19.707	ng/u1	95
30) Naphthalene	11.007	128	124276	19.269	ng/u1	96
32) 4-Chloroaniline	11.101	127	55195	20.646	ng/u1	96
33) Hexachlorobutadiene	11.295	225	30836	18.865	ng/u1	91
34) Caprolactam	11.841	113	14545	24.129	ng/u1#	85
35) 4-Chloro-3-methylphenol	12.211	107	49545	22.820	ng/u1	91
36) 2-Methylnaphthalene	12.599	142	91379	20.077	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	92639	20.105	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	60560	18.290	ng/ul	97
40) Hexachlorocyclopentadiene	12.951	237	38113	16.627	ng/ul	93
41) 2,4,6-Trichlorophenol	13.198	196	38992	19.272	ng/ul	95
42) 2,4,5-Trichlorophenol	13.269	196	44672	20.446	ng/ul	98
43) 1,1'-Biphenyl	13.598	154	130836	18.278	ng/ul	99
44) 2-Chloronaphthalene	13.639	162	104599	18.248	ng/ul	96
45) 2-Nitroaniline	13.833	65	37776	22.483	ng/ul	92
47) Dimethylphthalate	14.203	163	141878	19.319	ng/ul	96
48) 2,6-Dinitrotoluene	14.320	165	28489	21.414	ng/ul	96
50) Acenaphthylene	14.485	152	171470	18.986	ng/ul	98
51) 3-Nitroaniline	14.649	138	30925	23.030	ng/ul	95
52) Acenaphthene	14.825	153	112716	19.104	ng/ul	98
53) 2,4-Dinitrophenol	14.849	184	19138	23.156	ng/ul	86
55) 4-Nitrophenol	14.943	109	29389	21.582	ng/ul	98
56) Dibenzofuran	15.154	168	169713	19.402	ng/ul	98
57) 2,4-Dinitrotoluene	15.107	165	41891	22.193	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.378	232	41297	20.969	ng/ul#	97
59) Diethylphthalate	15.566	149	146022	19.632	ng/ul	98
61) Fluorene	15.806	166	138487	19.101	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.795	204	76189	19.748	ng/ul	98
63) 4-Nitroaniline	15.812	138	32924m	24.932	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.871	198	25087	20.499	ng/ul#	95
67) N-Nitrosodiphenylamine	16.006	169	124970	18.806	ng/ul	96
68) 4-Bromophenyl-phenylether	16.688	248	52750	21.676	ng/ul	98
69) Hexachlorobenzene	16.811	284	60189	19.147	ng/ul	95
70) Atrazine	16.946	200	55381	20.335	ng/ul	96
71) Pentachlorophenol	17.152	266	34903m	18.258	ng/ul	
72) Phenanthrene	17.545	178	242989	18.837	ng/ul	99
74) Anthracene	17.639	178	246031	19.077	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.568	216	66192	18.082	ng/uL	97
76) Pentachlorobenzene	15.084	250	66966	19.068	ng/uL	94
77) Carbazole	17.898	167	225863	19.817	ng/ul	97
78) Di-n-butylphthalate	18.456	149	258488	19.072	ng/ul	98
80) Fluoranthene	19.554	202	323815	18.806	ng/ul	99
82) Pyrene	19.913	202	319882	18.690	ng/ul	96
83) Butylbenzylphthalate	20.794	149	114799	19.292	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.681	252	116352	19.875	ng/ul	96
85) Benzo(a)anthracene	21.775	228	314323	18.646	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.675	149	160846	19.516	ng/ul	98
87) Chrysene	21.839	228	302407	18.807	ng/ul	99
89) Di-n-octyl phthalate	22.920	149	273242	19.515	ng/ul	100
90) Benzo(b)fluoranthene	24.054	252	317262	18.277	ng/ul	99
91) Benzo(k)fluoranthene	24.125	252	307901	19.219	ng/ul	97
93) Benzo(a)pyrene	24.953	252	310362	18.938	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.895	276	350707	18.922	ng/ul	98
95) Dibenzo(a,h)anthracene	28.959	278	300068	19.048	ng/ul	98
96) Benzo(g,h,i)perylene	30.075	276	293657	18.743	ng/ul	98

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

