

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053122\
 Data File : BG053764.D
 Acq On : 31 May 2022 17:16
 Operator : CG/JU
 Sample : SSTD00521
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005421

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: May 31 23:15:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG053122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 31 23:09:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	19133	20.000	ng/u1	0.00
20) Naphthalene-d8	10.914	136	77445	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.727	164	54769	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.471	188	135566	20.000	ng/u1	0.00
79) Chrysene-d12	21.754	240	149139	20.000	ng/u1	0.00
88) Perylene-d12	25.033	264	142674	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.534	96	1200m	2.215	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.636	132	5548	4.768	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.257	128	2131	3.823	ng/u1	0.00
24) 2-Nitrophenol-d4	9.986	143	1828	3.109	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.520	165	5823	4.552	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.128	166	21094	5.013	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	23265	4.550	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.714	176	18908	5.118	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.565	188	31307	4.959	ng/u1	0.00
81) Pyrene-d10	19.851	212	39456	4.729	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.798	264	35270	4.784	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.564	88	1342m	2.022	ng/uL	
12) 2-Chlorophenol	7.665	128	5679	4.777	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.905	70	5258	4.657	ng/u1	92
19) Hexachloroethane	9.198	117	2460	4.664	ng/u1	89
22) Nitrobenzene	9.304	77	5485	3.367	ng/u1#	81
23) Isophorone	9.833	82	14033	4.507	ng/u1#	97
25) 2-Nitrophenol	10.021	139	1939	3.180	ng/u1#	85
26) 2,4-Dimethylphenol	10.068	107	7390	4.891	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.315	93	7900	4.563	ng/u1	97
29) 2,4-Dichlorophenol	10.556	162	5940	4.776	ng/u1#	92
30) Naphthalene	10.967	128	19157	4.780	ng/u1#	97
33) Hexachlorobutadiene	11.261	225	4875	4.799	ng/u1	92
35) 4-Chloro-3-methylphenol	12.166	107	6503	4.820	ng/u1	94
36) 2-Methylnaphthalene	12.565	142	13997	4.949	ng/u1	91
37) 1-Methylnaphthalene	12.782	142	13882	4.848	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.929	216	9449	5.220	ng/u1#	87
41) 2,4,6-Trichlorophenol	13.158	196	5177	4.680	ng/u1#	96
42) 2,4,5-Trichlorophenol	13.229	196	5799	4.854	ng/u1	92
43) 1,1'-Biphenyl	13.564	154	19942	5.095	ng/u1	98
44) 2-Chloronaphthalene	13.605	162	15345	4.896	ng/u1	96
45) 2-Nitroaniline	13.793	65	2752	2.996	ng/u1	92
47) Dimethylphthalate	14.175	163	20268	5.048	ng/u1	99
48) 2,6-Dinitrotoluene	14.281	165	2440	3.355	ng/u1#	95
50) Acenaphthylene	14.445	152	25612	5.187	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
52) Acenaphthene	14.792	153	17067	5.291	ng/ul	96	06/01/2022
56) Dibenzofuran	15.121	168	24490	5.121	ng/ul	97	Supervised By :mohammad
57) 2,4-Dinitrotoluene	15.068	165	3185	3.086	ng/ul#	92	ahmed
58) 2,3,4,6-Tetrachlorophenol	15.344	232	4545	4.221	ng/ul#	90	
59) Diethylphthalate	15.538	149	21549	5.299	ng/ul	97	
61) Fluorene	15.773	166	20439	5.156	ng/ul	97	
62) 4-Chlorophenyl-phenyle...	15.761	204	11476	5.440	ng/ul	93	06/06/2022
67) N-Nitrosodiphenylamine	15.973	169	18566	5.065	ng/ul	94	
68) 4-Bromophenyl-phenylether	16.654	248	7563	5.634	ng/ul	91	
69) Hexachlorobenzene	16.778	284	6554	3.780	ng/ul	98	
72) Phenanthrene	17.512	178	35625	5.007	ng/ul	97	
74) Anthracene	17.600	178	37161	5.224	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.529	216	11493	5.692	ng/uL	97	
76) Pentachlorobenzene	15.044	250	9410	4.858	ng/uL	99	
78) Di-n-butylphthalate	18.435	149	41069	5.494	ng/ul	99	
80) Fluoranthene	19.516	202	46796	4.760	ng/ul#	98	
82) Pyrene	19.880	202	46455	4.754	ng/ul	98	
83) Butylbenzylphthalate	20.773	149	16101	4.739	ng/ul	98	
85) Benzo(a)anthracene	21.731	228	47323	4.916	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.654	149	24690	5.247	ng/ul	99	
87) Chrysene	21.795	228	44779	4.877	ng/ul	99	
90) Benzo(b)fluoranthene	23.981	252	44726	4.855	ng/ul	99	
91) Benzo(k)fluoranthene	24.057	252	44372m	5.219	ng/ul		
93) Benzo(a)pyrene	24.874	252	44316	5.095	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	28.758	276	49086m	4.990	ng/ul		
95) Dibenzo(a,h)anthracene	28.846	278	42496	5.083	ng/ul	97	
96) Benzo(g,h,i)perylene	29.927	276	41343	4.972	ng/ul	96	

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

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