

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022323\
 Data File : BG056708.D
 Acq On : 23 Feb 2023 11:32
 Operator : CG/JU
 Sample : SSTD00559
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005414

Quant Time: Feb 23 13:53:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 23 13:51:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/24/2023
 Supervised By :mohammad ahmed 02/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.426	152	16653	20.000	ng/u1	0.00
20) Naphthalene-d8	11.264	136	72249	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	15.030	164	59367	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.762	188	148744	20.000	ng/u1	0.00
79) Chrysene-d12	22.075	240	117324	20.000	ng/u1	0.00
88) Perylene-d12	25.612	264	128947	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.696	96	356	0.984	ng/uL	-0.01
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	7.950	132	5076	5.274	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.595	128	3003	6.665	ng/u1	0.00
24) 2-Nitrophenol-d4	10.330	143	3237	6.136	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	6368	5.269	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.413	166	22726	5.144	ng/u1	0.00
49) Acenaphthylene-d8	14.724	160	25984	5.090	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	16.011	176	21208	4.876	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.862	188	35627	5.219	ng/u1	0.00
81) Pyrene-d10	20.118	212	38681	5.743	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.365	264	34404	5.198	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.737	88	658	1.482	ng/uL	95
12) 2-Chlorophenol	7.979	128	5047	5.145	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.219	70	6016	5.266	ng/u1#	87
19) Hexachloroethane	9.519	117	2240	5.824	ng/u1#	79
22) Nitrobenzene	9.642	77	8108	6.442	ng/u1#	82
23) Isophorone	10.165	82	16371	5.066	ng/u1	95
25) 2-Nitrophenol	10.359	139	3390	6.293	ng/u1	92
26) 2,4-Dimethylphenol	10.394	107	7591	5.196	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.641	93	8318	4.975	ng/u1	98
29) 2,4-Dichlorophenol	10.894	162	6355	5.342	ng/u1	97
30) Naphthalene	11.317	128	19349	5.082	ng/u1#	93
33) Hexachlorobutadiene	11.587	225	5105	4.923	ng/u1	93
35) 4-Chloro-3-methylphenol	12.486	107	7517	5.706	ng/u1	93
36) 2-Methylnaphthalene	12.891	142	14262	5.085	ng/u1	97
37) 1-Methylnaphthalene	13.103	142	13276	4.617	ng/u1#	89
39) 1,2,4,5-Tetrachloroben...	13.244	216	9687	4.709	ng/u1	95
41) 2,4,6-Trichlorophenol	13.473	196	6532	5.567	ng/u1	96
42) 2,4,5-Trichlorophenol	13.538	196	6837m	5.035	ng/u1	
43) 1,1'-Biphenyl	13.867	154	20828	5.031	ng/u1	92
44) 2-Chloronaphthalene	13.920	162	17172	4.974	ng/u1	96
45) 2-Nitroaniline	14.102	65	5692	7.738	ng/u1	90
47) Dimethylphthalate	14.460	163	23759	5.302	ng/u1#	99
48) 2,6-Dinitrotoluene	14.583	165	4432	6.128	ng/u1	94
50) Acenaphthylene	14.754	152	26588	5.069	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	15.095	153	18067	4.964	ng/ul	97
56) Dibenzofuran	15.424	168	28151	5.096	ng/ul	99
57) 2,4-Dinitrotoluene	15.365	165	6818	6.531	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.641	232	6726	5.724	ng/ul#	92
59) Diethylphthalate	15.806	149	23557	5.460	ng/ul	96
61) Fluorene	16.070	166	21700	4.877	ng/ul	91
62) 4-Chlorophenyl-phenyle...	16.046	204	13178	4.970	ng/ul	93
67) N-Nitrosodiphenylamine	16.258	169	20164	5.272	ng/ul	96
68) 4-Bromophenyl-phenylether	16.940	248	8997	5.366	ng/ul	95
69) Hexachlorobenzene	17.069	284	10015	5.245	ng/ul	98
72) Phenanthrene	17.803	178	39415	5.187	ng/ul	98
74) Anthracene	17.897	178	41250	5.373	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.843	216	10652	5.267	ng/uL	92
76) Pentachlorobenzene	15.341	250	10914	5.142	ng/ul#	89
78) Di-n-butylphthalate	18.685	149	39126	5.985	ng/ul	99
80) Fluoranthene	19.789	202	47495	5.979	ng/ul	98
82) Pyrene	20.148	202	48713	6.154	ng/ul#	98
83) Butylbenzylphthalate	21.011	149	14764	6.764	ng/ul	91
85) Benzo(a)anthracene	22.051	228	42053	5.201	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.916	149	20472	6.206	ng/ul#	95
87) Chrysene	22.122	228	39334	5.288	ng/ul	98
90) Benzo(b)fluoranthene	24.466	252	42592	5.074	ng/ul#	95
91) Benzo(k)fluoranthene	24.548	252	41362	5.119	ng/ul	99
93) Benzo(a)pyrene	25.441	252	37972	5.309	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.678	276	51678m	5.246	ng/ul	
95) Dibenzo(a,h)anthracene	29.754	278	42674	5.239	ng/ul#	90
96) Benzo(g,h,i)perylene	30.947	276	42054m	5.355	ng/ul	

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

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