

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030723\
 Data File : BG056867.D
 Acq On : 7 Mar 2023 11:51
 Operator : CG/JU
 Sample : SST00565
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD005421

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

Quant Time: Mar 07 14:02:32 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 07 14:01:06 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.426	152	12510	20.000	ng/u1	0.00
20) Naphthalene-d8	11.264	136	49019	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.036	164	40495	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.780	188	119694	20.000	ng/u1	0.00
79) Chrysene-d12	22.104	240	125152	20.000	ng/u1	0.00
88) Perylene-d12	25.665	264	131874	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.690	96	481	2.133	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	7.938	132	3619	4.353	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.595	128	1919	4.671	ng/u1	0.00
24) 2-Nitrophenol-d4	10.330	143	2157	4.411	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	4525	4.912	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.419	166	17311	5.298	ng/u1	0.00
49) Acenaphthylene-d8	14.736	160	18464	4.972	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	16.023	176	15533	5.139	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.874	188	27970	4.817	ng/u1	0.00
81) Pyrene-d10	20.142	212	35810	4.228	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.418	264	34291	4.817	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.731	88	612	2.201	ng/uL#	34
12) 2-Chlorophenol	7.974	128	3778	4.589	ng/u1	91
17) N-Nitroso-di-n-propyla...	9.219	70	4466	4.752	ng/u1	94
19) Hexachloroethane	9.525	117	1473	4.207	ng/u1	85
22) Nitrobenzene	9.636	77	6048	5.077	ng/u1	95
23) Isophorone	10.165	82	12220	5.247	ng/u1#	93
25) 2-Nitrophenol	10.353	139	2355	4.879	ng/u1#	77
26) 2,4-Dimethylphenol	10.394	107	5402	5.011	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.635	93	5699	4.841	ng/u1#	87
29) 2,4-Dichlorophenol	10.894	162	4105	4.602	ng/u1	93
30) Naphthalene	11.311	128	13538	5.017	ng/u1	95
33) Hexachlorobutadiene	11.587	225	3306	4.650	ng/u1	92
35) 4-Chloro-3-methylphenol	12.492	107	4879	4.761	ng/u1	95
36) 2-Methylnaphthalene	12.891	142	9159	4.740	ng/u1	98
37) 1-Methylnaphthalene	13.109	142	9309	4.886	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	13.250	216	7226	5.033	ng/u1#	92
41) 2,4,6-Trichlorophenol	13.479	196	4451	4.640	ng/u1	95
42) 2,4,5-Trichlorophenol	13.549	196	4718	4.529	ng/u1	89
43) 1,1'-Biphenyl	13.873	154	14159	4.755	ng/u1	98
44) 2-Chloronaphthalene	13.925	162	11764	4.775	ng/u1#	89
45) 2-Nitroaniline	14.113	65	4279	5.004	ng/u1	92
47) Dimethylphthalate	14.466	163	17848	5.372	ng/u1	98
48) 2,6-Dinitrotoluene	14.595	165	3210	4.713	ng/u1	96
50) Acenaphthylene	14.766	152	18566	4.949	ng/u1#	96

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52) Acenaphthene	15.101	153	13186	5.117	ng/ul	96
56) Dibenzofuran	15.430	168	20036	5.122	ng/ul	98
57) 2,4-Dinitrotoluene	15.377	165	5232	5.358	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.647	232	5120	5.282	ng/ul#	94
59) Diethylphthalate	15.817	149	17829	5.361	ng/ul	99
61) Fluorene	16.082	166	15998	5.107	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.058	204	9761	5.261	ng/ul	94
67) N-Nitrosodiphenylamine	16.270	169	15459	4.645	ng/ul	93
68) 4-Bromophenyl-phenylether	16.957	248	6869	4.528	ng/ul	95
69) Hexachlorobenzene	17.081	284	7475	4.587	ng/ul#	88
72) Phenanthrene	17.821	178	30701m	4.735	ng/ul	
74) Anthracene	17.909	178	32098	4.899	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.849	216	7299	3.986	ng/uL	99
76) Pentachlorobenzene	15.353	250	8021	4.319	ng/uL	93
78) Di-n-butylphthalate	18.702	149	32179	5.093	ng/ul	99
80) Fluoranthene	19.807	202	42717	4.172	ng/ul	99
82) Pyrene	20.171	202	43845	4.346	ng/ul	98
83) Butylbenzylphthalate	21.035	149	13825	4.320	ng/ul	91
85) Benzo(a)anthracene	22.086	228	43695	4.797	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.945	149	20314	4.519	ng/ul	94
87) Chrysene	22.157	228	40460	4.769	ng/ul	97
90) Benzo(b)fluoranthene	24.519	252	42960	4.866	ng/ul	98
91) Benzo(k)fluoranthene	24.601	252	42013	4.886	ng/ul	96
93) Benzo(a)pyrene	25.494	252	36734	4.734	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.772	276	49416m	4.688	ng/ul	
95) Dibenzo(a,h)anthracene	29.836	278	41502	4.709	ng/ul#	95
96) Benzo(g,h,i)perylene	31.058	276	39950m	4.744	ng/ul	

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

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