

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022421\
 Data File : BG048306.D
 Acq On : 24 Feb 2021 13:10
 Operator : CG/JU
 Sample : SSTD00501
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005001

Manual Integrations
 APPROVED

mohammad
 2/25/2021 1:10:21 PM

Quant Time: Feb 24 15:26:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG022421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 24 15:10:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	29361	20.00	ng/ul	0.00
20) Naphthalene-d8	10.93	136	113531	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.74	164	84275	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.48	188	219021	20.00	ng/ul	0.00
79) Chrysene-d12	21.77	240	258244	20.00	ng/ul	0.00
88) Perylene-d12	25.06	264	248384	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	1083	1.39	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	0.00	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.65	132	8065	4.05	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	9.28	128	4002	4.19	ng/ul	0.00
24) 2-Nitrophenol-d4	10.00	143	4850	4.13	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.57	165	8918m	4.02	ng/ul	0.00
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	14.14	166	31362	4.46	ng/ul	0.00
49) Acenaphthylene-d8	14.43	160	35323	4.36	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.73	176	28390	4.50	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.58	188	49441	4.67	ng/ul	0.00
81) Pyrene-d10	19.86	212	62028	4.31	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.83	264	62394	4.59	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.55	88	1662	1.889	ng/uL#	87
12) 2-Chlorophenol	7.69	128	8738	4.457	ng/ul#	88
17) N-Nitroso-di-n-propylamine	8.92	70	9185	4.676	ng/ul#	92
19) Hexachloroethane	9.19	117	4122	4.546	ng/ul	91
22) Nitrobenzene	9.33	77	12971	4.534	ng/ul#	86
23) Isophorone	9.84	82	23479	4.505	ng/ul#	91
25) 2-Nitrophenol	10.04	139	5438	4.611	ng/ul#	87
26) 2,4-Dimethylphenol	10.12	107	11598	4.703	ng/ul	86
27) Bis(2-Chloroethoxy)methane	10.32	93	11665	3.964	ng/ul	94
29) 2,4-Dichlorophenol	10.60	162	9070	4.283	ng/ul	97
30) Naphthalene	10.98	128	27940	4.366	ng/ul#	96
33) Hexachlorobutadiene	11.24	225	8901	4.919	ng/ul#	87
35) 4-Chloro-3-methylphenol	12.26	107	9693	4.127	ng/ul#	85
36) 2-Methylnaphthalene	12.57	142	21310	4.496	ng/ul	95
37) 1-Methylnaphthalene	12.79	142	22226	4.947	ng/ul	89
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	15600	4.724	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.19	196	8678m	4.039	ng/ul	
42) 2,4,5-Trichlorophenol	13.29	196	8533	3.726	ng/ul	90
43) 1,1'-Biphenyl	13.57	154	29157	4.527	ng/ul	98
44) 2-Chloronaphthalene	13.62	162	25519	4.733	ng/ul#	94
45) 2-Nitroaniline	13.85	65	9222	5.122	ng/ul	98
47) Dimethylphthalate	14.19	163	33076	4.572	ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2,6-Dinitrotoluene	14.33	165	6976	4.557	ng/ul	97
50) Acenaphthylene	14.46	152	34994	4.477	ng/ul	99
52) Acenaphthene	14.80	153	25360	4.473	ng/ul	92
56) Dibenzofuran	15.14	168	38465	4.707	ng/ul	100
57) 2,4-Dinitrotoluene	15.12	165	10071	4.657	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	8083	3.646	ng/ul#	93
59) Diethylphthalate	15.54	149	34861	4.749	ng/ul	97
61) Fluorene	15.79	166	31201	4.703	ng/ul	96
62) 4-Chlorophenyl-phenylether	15.77	204	19398	4.805	ng/ul	95
67) N-Nitrosodiphenylamine	15.99	169	27064	4.276	ng/ul	98
68) 4-Bromophenyl-phenylether	16.67	248	12188	4.194	ng/ul	91
69) Hexachlorobenzene	16.78	284	13221	4.339	ng/ul	98
72) Phenanthrene	17.53	178	56847	4.626	ng/ul	98
74) Anthracene	17.62	178	57007	4.564	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.55	216	16223	4.579	ng/uL	92
76) Pentachlorobenzene	15.05	250	16896	4.703	ng/uL	93
78) Di-n-butylphthalate	18.43	149	61213	4.699	ng/ul	98
80) Fluoranthene	19.53	202	75540	4.120	ng/ul#	97
82) Pyrene	19.89	202	78546	4.376	ng/ul	99
83) Butylbenzylphthalate	20.76	149	27916	4.263	ng/ul	96
85) Benzo(a)anthracene	21.74	228	81690	4.536	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	40134	4.294	ng/ul	99
87) Chrysene	21.81	228	79502	4.576	ng/ul	95
90) Benzo(b)fluoranthene	24.00	252	79789m	4.780	ng/ul	
91) Benzo(k)fluoranthene	24.07	252	78519	4.817	ng/ul	99
93) Benzo(a)pyrene	24.90	252	70112	4.606	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.81	276	87363m	4.629	ng/ul	
95) Dibenzo(a,h)anthracene	28.87	278	73033	4.669	ng/ul#	95
96) Benzo(a,h,i)perylene	30.00	276	72283	4.591	ng/ul	97

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

