

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012921\
 Data File : BG048068.D
 Acq On : 29 Jan 2021 11:33
 Operator : CG/JU
 Sample : SSTD00506
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005006

Manual Integrations
 APPROVED

mohammad
 2/1/2021 11:49:02 AM

Quant Time: Jan 29 14:12:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 29 14:00:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	45144	20.00	ng/ul	0.00
20) Naphthalene-d8	10.93	136	176046	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.74	164	130962	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.48	188	317903	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	345136	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	349780	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	2499	2.02	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	15838	5.48	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	9.27	128	7289	5.79	ng/ul	0.00
24) 2-Nitrophenol-d4	10.00	143	8859	7.13	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.54	165	16674	5.40	ng/ul	0.00
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	14.14	166	56029	5.27	ng/ul	0.00
49) Acenaphthylene-d8	14.44	160	63866	5.08	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.73	176	49817	5.18	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.58	188	80381	5.30	ng/ul	0.00
81) Pyrene-d10	19.86	212	96678	5.15	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	95022	4.95	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.56	88	2662	1.983	ng/uL#	89
12) 2-Chlorophenol	7.68	128	14640	5.180	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.92	70	14888	5.479	ng/ul#	96
19) Hexachloroethane	9.21	117	7269	5.695	ng/ul	95
22) Nitrobenzene	9.32	77	21767	5.826	ng/ul	91
23) Isophorone	9.84	82	40203	5.333	ng/ul#	95
25) 2-Nitrophenol	10.04	139	8717	6.130	ng/ul#	87
26) 2,4-Dimethylphenol	10.09	107	18925	5.296	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.32	93	23955	5.808	ng/ul	99
29) 2,4-Dichlorophenol	10.57	162	16204	5.631	ng/ul	96
30) Naphthalene	10.98	128	49814	5.217	ng/ul	94
33) Hexachlorobutadiene	11.27	225	14160	5.523	ng/ul	88
35) 4-Chloro-3-methylphenol	12.19	107	18120	5.585	ng/ul#	91
36) 2-Methylnaphthalene	12.58	142	37085	5.233	ng/ul	96
37) 1-Methylnaphthalene	12.80	142	34529	5.063	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	24888	5.113	ng/ul	99
41) 2,4,6-Trichlorophenol	13.17	196	16386	5.861	ng/ul	93
42) 2,4,5-Trichlorophenol	13.24	196	17034	5.593	ng/ul	85
43) 1,1'-Biphenyl	13.58	154	51749	5.137	ng/ul	97
44) 2-Chloronaphthalene	13.62	162	43267	5.520	ng/ul	99
45) 2-Nitroaniline	13.81	65	13064	6.017	ng/ul	95
47) Dimethylphthalate	14.18	163	58906	5.410	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2,6-Dinitrotoluene	14.30	165	11732	6.140	ng/ul	98
50) Acenaphthylene	14.47	152	63746	5.243	ng/ul	94
52) Acenaphthene	14.81	153	44462	5.011	ng/ul#	91
56) Dibenzofuran	15.13	168	65355	5.426	ng/ul	89
57) 2,4-Dinitrotoluene	15.09	165	16196	5.952	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.36	232	16475	5.802	ng/ul#	94
59) Diethylphthalate	15.54	149	57379	5.312	ng/ul	95
61) Fluorene	15.78	166	52791	5.148	ng/ul	93
62) 4-Chlorophenyl-phenylether	15.78	204	32366	5.552	ng/ul	98
67) N-Nitrosodiphenylamine	15.99	169	47301	5.203	ng/ul	94
68) 4-Bromophenyl-phenylether	16.67	248	21881	5.705	ng/ul	88
69) Hexachlorobenzene	16.79	284	21843	5.522	ng/ul	96
72) Phenanthrene	17.53	178	90981	5.246	ng/ul	98
74) Anthracene	17.61	178	94448	5.442	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.54	216	25363	5.150	ng/uL	96
76) Pentachlorobenzene	15.06	250	27066	5.714	ng/uL	98
78) Di-n-butylphthalate	18.44	149	98635	5.423	ng/ul	98
80) Fluoranthene	19.52	202	122267	5.126	ng/ul	100
82) Pyrene	19.88	202	121383	5.165	ng/ul	98
83) Butylbenzylphthalate	20.77	149	42223	5.126	ng/ul	97
85) Benzo(a)anthracene	21.73	228	121286	5.003	ng/ul	95
86) Bis(2-ethylhexyl)phthalate	21.64	149	61518	5.163	ng/ul#	98
87) Chrysene	21.80	228	117632	5.098	ng/ul	99
90) Benzo(b)fluoranthene	23.99	252	117240	4.832	ng/ul	100
91) Benzo(k)fluoranthene	24.05	252	114656	4.945	ng/ul	98
93) Benzo(a)pyrene	24.88	252	104583	4.834	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.76	276	129004m	4.824	ng/ul	
95) Dibenzo(a,h)anthracene	28.83	278	106849	4.843	ng/ul#	91
96) Benzo(a,h,i)perylene	29.92	276	109590m	4.951	ng/ul	

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

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