Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
Data File : BG047709.D
Acq On : 11 Dec 2020 10:11
Operator : CG/JU
Sample : SSTD00503
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD005003

Manual Integrations APPROVED
mohammad
12/14/2020 2:43:50 PM

Quant Time: Dec 11 13:14:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 12:42:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	21006	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	82593	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	62899	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	165018	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	191304	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	202965	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	1009m	2.30	ng/uL	0.02
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	7.72	132	6776m	5.06	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	9.37	128	3454	5.02	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	3362	4.01	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	8139	4.90	ng/ul	0.00
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	14.21	166	25605	4.79	ng/ul	0.00
49) Acenaphthylene-d8	14.53	160	29439	4.81	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.81	176	25146	5.15	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.66	188	40616	5.08	ng/ul	0.00
81) Pyrene-d10	19.93	212	49572	4.19	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.95	264	54178	4.74	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	1145m	2.521	ng/uL	
12) 2-Chlorophenol	7.76	128	7028	5.207	ng/ul	92
17) N-Nitroso-di-n-propylamine	9.00	70	6039	4.773	ng/ul#	92
19) Hexachloroethane	9.30	117	3080	4.806	ng/ul#	83
22) Nitrobenzene	9.41	77	10234	4.905	ng/ul#	97
23) Isophorone	9.94	82	18080	4.929	ng/ul#	93
25) 2-Nitrophenol	10.14	139	3929	4.668	ng/ul#	85
26) 2,4-Dimethylphenol	10.18	107	9134	4.650	ng/ul	94
27) Bis(2-Chloroethoxy)methane	10.42	93	9086	5.469	ng/ul#	94
29) 2,4-Dichlorophenol	10.67	162	7386	4.828	ng/ul	99
30) Naphthalene	11.08	128	22212	4.847	ng/ul#	93
33) Hexachlorobutadiene	11.36	225	8718	5.553	ng/ul	94
35) 4-Chloro-3-methylphenol	12.29	107	8299	4.764	ng/ul#	90
36) 2-Methylnaphthalene	12.68	142	16368	4.703	ng/ul	94
37) 1-Methylnaphthalene	12.89	142	15624	4.674	ng/ul#	89
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	13838	5.405	ng/ul	88
41) 2,4,6-Trichlorophenol	13.26	196	7183	4.502	ng/ul#	89
42) 2,4,5-Trichlorophenol	13.34	196	8488m	4.864	ng/ul	
43) 1,1'-Biphenyl	13.66	154	24906	5.100	ng/ul#	85
44) 2-Chloronaphthalene	13.71	162	18850	4.794	ng/ul#	79
45) 2-Nitroaniline	13.90	65	5773	4.276	ng/ul	93
47) Dimethylphthalate	14.27	163	25794	4.647	ng/ul#	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 2,6-Dinitrotoluene	14.38	165	5122	4.412 ng/ul#	87
50) Acenaphthylene	14.56	152	27164	4.717 ng/ul#	92
52) Acenaphthene	14.89	153	19757	4.728 ng/ul	94
56) Dibenzofuran	15.22	168	28615	4.720 ng/ul	96
57) 2,4-Dinitrotoluene	15.17	165	8600	5.185 ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.44	232	6966	4.344 ng/ul	99
59) Diethylphthalate	15.61	149	27121	5.015 ng/ul	93
61) Fluorene	15.87	166	25339	4.947 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.85	204	15388	4.908 ng/ul#	84
67) N-Nitrosodiphenylamine	16.07	169	23132	5.095 ng/ul	99
68) 4-Bromophenyl-phenylether	16.75	248	10457	4.853 ng/ul	90
69) Hexachlorobenzene	16.87	284	11380	4.958 ng/ul#	86
72) Phenanthrene	17.60	178	45926m	5.186 ng/ul	
74) Anthracene	17.70	178	44746	5.046 ng/ul	95
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	12831	4.790 ng/uL#	92
76) Pentachlorobenzene	15.14	250	12859	4.817 ng/uL	99
78) Di-n-butylphthalate	18.50	149	43604	5.071 ng/ul	97
80) Fluoranthene	19.60	202	62024	4.292 ng/ul	99
82) Pyrene	19.96	202	63686	4.504 ng/ul#	97
83) Butylbenzylphthalate	20.82	149	21241	4.502 ng/ul	90
85) Benzo(a)anthracene	21.82	228	66671	4.909 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.70	149	29063	4.535 ng/ul	96
87) Chrysene	21.88	228	65721	5.106 ng/ul	96
90) Benzo(b)fluoranthene	24.12	252	71522	5.093 ng/ul#	96
91) Benzo(k)fluoranthene	24.19	252	69415	5.052 ng/ul#	93
93) Benzo(a)pyrene	25.03	252	61356	4.872 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.01	276	77875m	5.109 ng/ul	
95) Dibenzo(a,h)anthracene	29.10	278	66038m	5.183 ng/ul	
96) Benzo(g,h,i)perylene	30.24	276	63034m	5.047 ng/ul	

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

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