Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111820\
Data File : BG047340.D
Acq On : 18 Nov 2020 15:25
Operator : CG/JU
Sample : SSTD00502
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD005021

Manual Integrations APPROVED
mohammad
11/20/2020 11:28:55 AM

Quant Time: Nov 19 04:00:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG111820.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 03:08:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	42220	20.00	ng/ul	0.00
20) Naphthalene-d8	11.10	136	160195	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	127513	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	314864m	20.00	ng/ul	0.00
79) Chrysene-d12	21.90	240	332978	20.00	ng/ul	0.00
88) Perylene-d12	25.30	264	341975	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	2144	2.23	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	7.80	132	13860	4.72	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	9.44	128	7334	5.64	ng/ul	0.00
24) 2-Nitrophenol-d4	10.17	143	6482	4.42	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.71	165	15961	5.71	ng/ul	0.00
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	14.28	166	52622	5.02	ng/ul	0.00
49) Acenaphthylene-d8	14.58	160	61219	4.85	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.86	176	47304	5.27	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.72	188	78352	5.00	ng/ul	0.00
81) Pyrene-d10	19.98	212	92924	4.44	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.06	264	93752	5.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	2869	2.803	ng/uL#	69
12) 2-Chlorophenol	7.83	128	13941	4.610	ng/ul	90
17) N-Nitroso-di-n-propylamine	9.07	70	15491	5.131	ng/ul#	94
19) Hexachloroethane	9.37	117	6321	4.273	ng/ul#	87
22) Nitrobenzene	9.48	77	21253	5.368	ng/ul#	90
23) Isophorone	10.01	82	41282	5.661	ng/ul	96
25) 2-Nitrophenol	10.20	139	6942	4.462	ng/ul#	89
26) 2,4-Dimethylphenol	10.24	107	20665	5.786	ng/ul	92
27) Bis(2-Chloroethoxy)methane	10.48	93	20592	4.950	ng/ul#	93
29) 2,4-Dichlorophenol	10.74	162	14936	5.504	ng/ul	88
30) Naphthalene	11.15	128	46179	5.176	ng/ul#	93
33) Hexachlorobutadiene	11.44	225	13711	6.900	ng/ul#	87
35) 4-Chloro-3-methylphenol	12.33	107	18478	5.583	ng/ul	95
36) 2-Methylnaphthalene	12.74	142	33276	5.172	ng/ul	98
37) 1-Methylnaphthalene	12.96	142	34859	5.667	ng/ul#	92
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	24923	5.742	ng/ul	93
41) 2,4,6-Trichlorophenol	13.32	196	13415	4.691	ng/ul	95
42) 2,4,5-Trichlorophenol	13.39	196	14013	4.540	ng/ul	97
43) 1,1'-Biphenyl	13.73	154	46441	4.423	ng/ul#	95
44) 2-Chloronaphthalene	13.77	162	38762	4.631	ng/ul	97
45) 2-Nitroaniline	13.96	65	11864	3.925	ng/ul	93
47) Dimethylphthalate	14.33	163	54079	4.979	ng/ul#	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 2,6-Dinitrotoluene	14.44	165	9314	4.257 ng/ul	90
50) Acenaphthylene	14.61	152	55909	4.521 ng/ul	97
52) Acenaphthene	14.95	153	40228	4.611 ng/ul	97
56) Dibenzofuran	15.28	168	58527	4.808 ng/ul	97
57) 2,4-Dinitrotoluene	15.22	165	12847	4.169 ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.49	232	13246	5.051 ng/ul#	82
59) Diethylphthalate	15.68	149	56527	5.030 ng/ul	95
61) Fluorene	15.92	166	51177	5.046 ng/ul#	98
62) 4-Chlorophenyl-phenylether	15.91	204	30365	5.846 ng/ul	94
67) N-Nitrosodiphenylamine	16.12	169	44798	4.532 ng/ul	98
68) 4-Bromophenyl-phenylether	16.80	248	19997	5.519 ng/ul	93
69) Hexachlorobenzene	16.92	284	21212	5.334 ng/ul	93
72) Phenanthrene	17.66	178	85885m	4.625 ng/ul	
74) Anthracene	17.75	178	88199	4.645 ng/ul	96
75) 1,2,3,4-Tetrachlorobenzene	13.70	216	23522	4.676 ng/uL	96
76) Pentachlorobenzene	15.20	250	24352	5.019 ng/uL	96
78) Di-n-butylphthalate	18.56	149	94385	4.323 ng/ul	97
80) Fluoranthene	19.65	202	116231	4.225 ng/ul#	99
82) Pyrene	20.01	202	117608	4.242 ng/ul	99
83) Butylbenzylphthalate	20.88	149	40501	3.369 ng/ul	98
85) Benzo(a)anthracene	21.88	228	114551	4.897 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.78	149	56642	3.417 ng/ul	98
87) Chrysene	21.95	228	113731	5.072 ng/ul	97
90) Benzo(b)fluoranthene	24.21	252	119128	4.978 ng/ul	98
91) Benzo(k)fluoranthene	24.28	252	115162	5.141 ng/ul	99
93) Benzo(a)pyrene	25.14	252	106358	5.068 ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.20	276	125181m	5.264 ng/ul	
95) Dibenzo(a,h)anthracene	29.28	278	103688m	5.196 ng/ul	
96) Benzo(g,h,i)perylene	30.42	276	101850	5.238 ng/ul#	92

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

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