Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047617.D
Acq On : 7 Dec 2020 14:23
Operator : CG/JU
Sample : SSTD00525
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00525

Manual Integrations APPROVED
mohammad
12/9/2020 12:18:23 PM

Quant Time: Dec 07 18:38:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 16:26:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	22508	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	82234	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	68285	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	174553	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	188024	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	189930	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	989m	1.60	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.74	132	7259	4.79	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.38	128	3334	4.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	4003	5.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	8925	5.26	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.23	166	32228	5.50	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	35658	5.26	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.82	176	28323	5.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.67	188	49692m	5.74	ng/ul	0.00
79) Pyrene-d10	19.94	212	58239	5.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	58630	5.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	705	1.103	ng/uL#	74
10) 2-Chlorophenol	7.77	128	6925	4.533	ng/ul#	77
15) N-Nitroso-di-n-propylamine	9.02	70	6855	4.253	ng/ul#	74
17) Hexachloroethane	9.31	117	3699	5.152	ng/ul	80
20) Nitrobenzene	9.43	77	11808	5.375	ng/ul	95
21) Isophorone	9.95	82	19108	4.564	ng/ul#	89
23) 2-Nitrophenol	10.14	139	3734	4.634	ng/ul#	81
24) 2,4-Dimethylphenol	10.19	107	10536	5.151	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.43	93	8698	4.319	ng/ul#	77
27) 2,4-Dichlorophenol	10.68	162	6954	4.616	ng/ul	98
28) Naphthalene	11.09	128	24291	5.215	ng/ul	95
31) Hexachlorobutadiene	11.38	225	9479	6.688	ng/ul#	83
33) 4-Chloro-3-methylphenol	12.29	107	10113	5.431	ng/ul	94
34) 2-Methylnaphthalene	12.68	142	19217	5.568	ng/ul	87
35) 1-Methylnaphthalene	12.90	142	21930	5.406	ng/uL#	99
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	13445	5.011	ng/ul	91
39) 2,4,6-Trichlorophenol	13.27	196	9010	5.407	ng/ul	94
40) 2,4,5-Trichlorophenol	13.35	196	9123	5.273	ng/ul	89
41) 1,1'-Biphenyl	13.67	154	24995	4.719	ng/ul	95
42) 2-Chloronaphthalene	13.72	162	21602	5.145	ng/ul	92
43) 2-Nitroaniline	13.91	65	8040m	5.265	ng/ul	
45) Dimethylphthalate	14.28	163	31173	5.213	ng/ul#	96
46) 2,6-Dinitrotoluene	14.40	165	7003	6.116	ng/ul#	81

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48) Acenaphthylene	14.56	152	33228	5.277	ng/ul	97
50) Acenaphthene	14.90	153	23065	5.222	ng/ul	92
54) Dibenzofuran	15.23	168	34475	5.314	ng/ul	87
55) 2,4-Dinitrotoluene	15.18	165	9208	5.668	ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.45	232	8139	4.913	ng/ul#	92
57) Diethylphthalate	15.63	149	31919	5.441	ng/ul	97
59) Fluorene	15.88	166	29425	5.384	ng/ul#	87
60) 4-Chlorophenyl-phenylether	15.86	204	17950	5.468	ng/ul#	94
65) N-Nitrosodiphenylamine	16.08	169	25415	5.101	ng/ul	93
66) 4-Bromophenyl-phenylether	16.76	248	11465	5.170	ng/ul	88
67) Hexachlorobenzene	16.87	284	12982	5.597	ng/ul	98
70) Phenanthrene	17.62	178	50112	5.316	ng/ul	96
72) Anthracene	17.70	178	51428	5.418	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	13525	4.929	ng/uL	93
74) Pentachlorobenzene	15.15	250	14639	5.549	ng/uL	85
76) Di-n-butylphthalate	18.51	149	53985	5.535	ng/ul#	95
80) Pyrene	19.97	202	73714	5.535	ng/ul	99
81) Butylbenzylphthalate	20.84	149	23606	5.046	ng/ul	92
83) Benzo(a)anthracene	21.83	228	72099m	5.389	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.72	149	33540	5.144	ng/ul	97
85) Chrysene	21.90	228	67615	5.311	ng/ul	97
88) Benzo(b)fluoranthene	24.13	252	65712	4.900	ng/ul	93
89) Benzo(k)fluoranthene	24.20	252	70101m	5.305	ng/ul	
91) Benzo(a)pyrene	25.05	252	63048	5.274	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	29.06	276	74014m	5.090	ng/ul	
93) Dibenzo(a,h)anthracene	29.13	278	63091	5.292	ng/ul#	95
94) Benzo(g,h,i)perylene	30.27	276	61411m	5.118	ng/ul	

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

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