Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092920\
Data File : BG046722.D
Acq On : 29 Sep 2020 17:01
Operator : CG/JU
Sample : SSTD00527
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD00527

Manual Integrations APPROVED
mohammad
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Quant Time: Sep 29 19:14:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 29 19:01:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	60636	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	241382	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	179216	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	412897	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	472689	20.00	ng/ul	0.00
86) Perylene-d12	25.04	264	464338	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	2584	2.10	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	7.64	132	18019	4.73	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.27	128	8520	5.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	8212	4.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	19703	5.00	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.14	166	68892	4.93	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	82118	4.95	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.73	176	65313	5.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.58	188	101195m	5.31	ng/ul	0.00
79) Pyrene-d10	19.86	212	120893	4.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.81	264	127196	4.94	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	3727	2.479	ng/uL#	76
10) 2-Chlorophenol	7.67	128	19170	4.965	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.92	70	18202	5.679	ng/ul	97
17) Hexachloroethane	9.21	117	9062	5.531	ng/ul	91
20) Nitrobenzene	9.32	77	23626	5.396	ng/ul	95
21) Isophorone	9.84	82	52009	6.078	ng/ul	99
23) 2-Nitrophenol	10.03	139	8363	4.289	ng/ul#	88
24) 2,4-Dimethylphenol	10.08	107	25438	5.887	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.32	93	31349	5.792	ng/ul	93
27) 2,4-Dichlorophenol	10.56	162	20047	5.159	ng/ul	93
28) Naphthalene	10.98	128	66916	5.180	ng/ul	99
31) Hexachlorobutadiene	11.27	225	17702	5.920	ng/ul	91
33) 4-Chloro-3-methylphenol	12.18	107	22839	5.733	ng/ul#	85
34) 2-Methylnaphthalene	12.58	142	51038	5.255	ng/ul	90
35) 1-Methylnaphthalene	12.80	142	48180	5.023	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	33342	5.381	ng/ul	97
39) 2,4,6-Trichlorophenol	13.17	196	17077	4.715	ng/ul	95
40) 2,4,5-Trichlorophenol	13.24	196	18519	4.704	ng/ul	92
41) 1,1'-Biphenyl	13.58	154	70339	5.073	ng/ul	97
42) 2-Chloronaphthalene	13.62	162	57414	5.190	ng/ul	93
43) 2-Nitroaniline	13.81	65	10560	4.049	ng/ul	99
45) Dimethylphthalate	14.19	163	68868	4.913	ng/ul#	93
46) 2,6-Dinitrotoluene	14.30	165	9693	3.626	ng/ul#	89

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48) Acenaphthylene	14.46	152	82127	4.839	ng/ul	95
50) Acenaphthene	14.81	153	58491	4.786	ng/ul	96
54) Dibenzofuran	15.13	168	86540	5.193	ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	12859	3.378	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.35	232	16897	4.603	ng/ul#	95
57) Diethylphthalate	15.55	149	67457	4.872	ng/ul#	98
59) Fluorene	15.79	166	70277	4.973	ng/ul	89
60) 4-Chlorophenyl-phenylether	15.77	204	41449	5.583	ng/ul	93
65) N-Nitrosodiphenylamine	15.99	169	60512	5.040	ng/ul#	93
66) 4-Bromophenyl-phenylether	16.67	248	25753	5.019	ng/ul	94
67) Hexachlorobenzene	16.79	284	22751	3.928	ng/ul	97
70) Phenanthrene	17.53	178	120823	5.243	ng/ul	97
72) Anthracene	17.61	178	122445	5.333	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	31744	5.120	ng/uL	95
74) Pentachlorobenzene	15.05	250	32383	5.172	ng/uL	92
76) Di-n-butylphthalate	18.44	149	112982	4.984	ng/ul	98
80) Pyrene	19.89	202	162882	5.096	ng/ul	97
81) Butylbenzylphthalate	20.77	149	45566	4.153	ng/ul	93
83) Benzo(a)anthracene	21.74	228	158549	5.093	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.66	149	73026	4.576	ng/ul#	95
85) Chrysene	21.80	228	156811	5.182	ng/ul	95
88) Benzo(b)fluoranthene	23.99	252	159781	5.093	ng/ul	97
89) Benzo(k)fluoranthene	24.06	252	154334	5.011	ng/ul	97
91) Benzo(a)pyrene	24.88	252	145875	5.071	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	28.77	276	172769m	4.809	ng/ul	
93) Dibenzo(a,h)anthracene	28.85	278	145291	4.943	ng/ul	95
94) Benzo(g,h,i)perylene	29.93	276	148833	4.901	ng/ul	98

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

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