Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072320\
Data File : BG046048.D
Acq On : 23 Jul 2020 12:05
Operator : CG/JU
Sample : SSTD00525
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00525

Manual Integrations APPROVED

Quant Time: Jul 23 14:17:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 23 14:08:19 2020
Response via : Initial Calibration

Sohil

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	77863	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	323993	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	228138	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	535810	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	576957	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	581960	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	3242	2.04	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	7.50	132	22336	4.42	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.11	128	10242	4.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	8891	3.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	22593	4.29	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.00	166	86052	4.70	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	102208	4.72	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.58	176	81434	4.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.43	188	126305	5.04	ng/ul	0.00
79) Pyrene-d10	19.71	212	152116	4.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.47	264	151244	4.66	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	4427	2.205	ng/uL	96
10) 2-Chlorophenol	7.53	128	23025	4.485	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.76	70	20090	4.419	ng/ul	99
17) Hexachloroethane	9.05	117	10426	4.743	ng/ul	97
20) Nitrobenzene	9.15	77	27736	4.446	ng/ul	94
21) Isophorone	9.68	82	53276	4.277	ng/ul#	93
23) 2-Nitrophenol	9.87	139	10227	3.869	ng/ul	96
24) 2,4-Dimethylphenol	9.93	107	27296	4.568	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.16	93	35223	4.727	ng/ul	98
27) 2,4-Dichlorophenol	10.41	162	23123	4.455	ng/ul	95
28) Naphthalene	10.81	128	89823	5.203	ng/ul	99
31) Hexachlorobutadiene	11.11	225	19857	5.190	ng/ul	89
33) 4-Chloro-3-methylphenol	12.04	107	23289	4.146	ng/ul	88
34) 2-Methylnaphthalene	12.42	142	65264	5.025	ng/ul	93
35) 1-Methylnaphthalene	12.63	142	65740	5.106	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	37653	4.862	ng/ul	95
39) 2,4,6-Trichlorophenol	13.02	196	17945	3.876	ng/ul	93
40) 2,4,5-Trichlorophenol	13.09	196	21659m	4.301	ng/ul	
41) 1,1'-Biphenyl	13.42	154	90409	5.086	ng/ul	96
42) 2-Chloronaphthalene	13.46	162	70250	4.904	ng/ul	97
43) 2-Nitroaniline	13.65	65	12049	3.183	ng/ul	89
45) Dimethylphthalate	14.04	163	88768	4.777	ng/ul	98
46) 2,6-Dinitrotoluene	14.15	165	13501	3.814	ng/ul	98

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48) Acenaphthylene	14.31	152	108742	4.946	ng/ul	99
50) Acenaphthene	14.65	153	78512	4.908	ng/ul	96
54) Dibenzofuran	14.99	168	108973	5.077	ng/ul	100
55) 2,4-Dinitrotoluene	14.94	165	18784	3.744	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.21	232	18902	3.989	ng/ul#	95
57) Diethylphthalate	15.41	149	85889	4.600	ng/ul	98
59) Fluorene	15.64	166	94253	5.169	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	49685	5.254	ng/ul	95
65) N-Nitrosodiphenylamine	15.84	169	75853	4.859	ng/ul	98
66) 4-Bromophenyl-phenylether	16.52	248	30894	4.788	ng/ul	96
67) Hexachlorobenzene	16.65	284	37097	5.170	ng/ul	98
70) Phenanthrene	17.37	178	156609	5.199	ng/ul	99
72) Anthracene	17.46	178	155750	5.139	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	37930	4.852	ng/uL	98
74) Pentachlorobenzene	14.91	250	39703	5.083	ng/uL	97
76) Di-n-butylphthalate	18.30	149	139891	4.526	ng/ul	98
80) Pyrene	19.74	202	206783	5.049	ng/ul	99
81) Butylbenzylphthalate	20.64	149	55303	3.663	ng/ul	98
83) Benzo(a)anthracene	21.56	228	194695	4.874	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	84548	3.894	ng/ul	96
85) Chrysene	21.62	228	186122	4.818	ng/ul	96
88) Benzo(b)fluoranthene	23.71	252	191941	4.773	ng/ul	97
89) Benzo(k)fluoranthene	23.77	252	191686	4.810	ng/ul	96
91) Benzo(a)pyrene	24.54	252	174158	4.719	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.21	276	203597	4.405	ng/ul	98
93) Dibenzo(a,h)anthracene	28.27	278	168701	4.466	ng/ul	96
94) Benzo(g,h,i)perylene	29.31	276	176366	4.518	ng/ul	96

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

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