Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM063020\
Data File : BM026614.D
Acq On : 30 Jun 2020 08:44
Operator : JU/CG
Sample : SSTD00503
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD00503

Manual Integrations APPROVED
mohammad
7/1/2020 8:09:54 AM

Quant Time: Jun 30 10:52:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 30 10:35:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	59491	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	240091	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	149113	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	322869	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	347089	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	375949	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	5095	3.00	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	6.90	132	24131	5.40	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.50	128	10745	5.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	11027	4.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	22896	5.30	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.45	166	73206	5.84	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	85133	5.66	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.02	176	64540	6.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.87	188	94707	5.76	ng/ul	0.00
79) Pyrene-d10	19.18	212	106788	5.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.94	264	119072	5.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.99	88	5009	2.663	ng/uL	97
10) 2-Chlorophenol	6.93	128	27160	5.669	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.17	70	24663	5.830	ng/ul	95
17) Hexachloroethane	8.41	117	12201	5.997	ng/ul	85
20) Nitrobenzene	8.55	77	37151	6.401	ng/ul	93
21) Isophorone	9.07	82	59178	5.511	ng/ul	97
23) 2-Nitrophenol	9.25	139	13291	5.087	ng/ul	96
24) 2,4-Dimethylphenol	9.33	107	32600	5.935	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.56	93	35648	5.728	ng/ul	94
27) 2,4-Dichlorophenol	9.79	162	24414	5.605	ng/ul	97
28) Naphthalene	10.16	128	89701	6.144	ng/ul	98
31) Hexachlorobutadiene	10.45	225	19237	6.685	ng/ul	96
33) 4-Chloro-3-methylphenol	11.44	107	26472	5.227	ng/ul	95
34) 2-Methylnaphthalene	11.79	142	60978	5.943	ng/ul	98
35) 1-Methylnaphthalene	12.02	142	57956	6.076	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	32970	6.051	ng/ul	99
39) 2,4,6-Trichlorophenol	12.43	196	17600	4.994	ng/ul	89
40) 2,4,5-Trichlorophenol	12.51	196	20326m	5.345	ng/ul	
41) 1,1'-Biphenyl	12.83	154	78972	5.968	ng/ul	97
42) 2-Chloronaphthalene	12.87	162	63022	6.189	ng/ul	99
43) 2-Nitroaniline	13.10	65	17405	4.743	ng/ul	99
45) Dimethylphthalate	13.49	163	76906	5.907	ng/ul	99
46) 2,6-Dinitrotoluene	13.61	165	12975	4.793	ng/ul	93

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48) Acenaphthylene	13.73	152	92640	5.782	ng/ul	98
50) Acenaphthene	14.08	153	67227	6.081	ng/ul	96
54) Dibenzofuran	14.42	168	95030	6.089	ng/ul	96
55) 2,4-Dinitrotoluene	14.42	165	19658	5.014	ng/ul#	75
56) 2,3,4,6-Tetrachlorophenol	14.66	232	16839	5.185	ng/ul#	89
57) Diethylphthalate	14.87	149	75151	5.708	ng/ul	95
59) Fluorene	15.07	166	77368	6.006	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.08	204	41142	6.315	ng/ul	96
65) N-Nitrosodiphenylamine	15.30	169	64162	5.784	ng/ul	98
66) 4-Bromophenyl-phenylether	15.97	248	23318	5.757	ng/ul	99
67) Hexachlorobenzene	16.09	284	27325	6.030	ng/ul	95
70) Phenanthrene	16.82	178	124752	6.161	ng/ul	98
72) Anthracene	16.90	178	122480	5.901	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	33899	6.202	ng/uL	97
74) Pentachlorobenzene	14.35	250	32624	6.210	ng/uL	97
76) Di-n-butylphthalate	17.77	149	107095	4.744	ng/ul	100
80) Pyrene	19.21	202	145517	5.702	ng/ul	99
81) Butylbenzylphthalate	20.15	149	45219	4.162	ng/ul	94
83) Benzo(a)anthracene	20.97	228	146563	5.928	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.94	149	64058	3.903	ng/ul	98
85) Chrysene	21.03	228	149244	6.218	ng/ul	99
88) Benzo(b)fluoranthene	22.46	252	149253	5.789	ng/ul	98
89) Benzo(k)fluoranthene	22.50	252	155319	6.263	ng/ul	98
91) Benzo(a)pyrene	22.98	252	133431	5.875	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.09	276	174793	5.871	ng/ul	97
93) Dibenzo(a,h)anthracene	25.10	278	147189	5.925	ng/ul	99
94) Benzo(g,h,i)perylene	25.70	276	147021	5.912	ng/ul	97

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

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