Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM063020\
Data File : BM026626.D
Acq On : 30 Jun 2020 16:45
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02027

Manual Integrations APPROVED
mohammad
7/1/2020 8:10:21 AM

Quant Time: Jun 30 17:21:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 30 12:25:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	96349	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	410811	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	242821	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	473654	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	400166	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	417294	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.95	96	21723	6.77	ng/uL	0.00
5) Phenol-d5	6.56	99	171383	19.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	113767	19.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	127603	18.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	135822	19.25	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	63732	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	70574	20.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	132057	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	165625	23.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.44	166	361598	18.67	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	450663	19.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	53712	19.21	ng/ul	0.00
58) Fluorene-d10	15.02	176	307481	18.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	54600	18.45	ng/ul	0.00
71) Anthracene-d10	16.87	188	433952	18.60	ng/ul	0.00
79) Pyrene-d10	19.18	212	418439	20.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.94	264	436984	19.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.98	88	23249	6.697	ng/uL	94
4) Benzaldehyde	6.52	77	110786	23.642	ng/ul	96
6) Phenol	6.59	94	183655	18.931	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.80	93	143004	19.360	ng/ul	97
10) 2-Chlorophenol	6.93	128	138110	18.478	ng/ul	99
11) 2-Methylphenol	7.82	108	134506	19.406	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.90	45	273781	19.106	ng/ul	99
14) Acetophenone	8.17	105	228974	19.150	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.17	70	133199	18.857	ng/ul	99
16) 4-Methylphenol	8.15	108	147820	19.186	ng/ul	97
17) Hexachloroethane	8.41	117	60813	18.361	ng/ul	96
20) Nitrobenzene	8.55	77	188854	18.433	ng/ul	98
21) Isophorone	9.07	82	338235	19.639	ng/ul	99
23) 2-Nitrophenol	9.25	139	78823	19.666	ng/ul	99
24) 2,4-Dimethylphenol	9.33	107	171412	18.571	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.56	93	194346	18.978	ng/ul	97
27) 2,4-Dichlorophenol	9.78	162	133113	18.989	ng/ul	98
28) Naphthalene	10.16	128	450206	18.515	ng/ul	99
30) 4-Chloroaniline	10.29	127	173917	22.914	ng/ul	99
31) Hexachlorobutadiene	10.45	225	90829	17.879	ng/ul	98
32) Caprolactam	11.07	113	40437	20.887	ng/ul	87
33) 4-Chloro-3-methylphenol	11.43	107	154286	19.343	ng/ul	96
34) 2-Methylnaphthalene	11.79	142	315428	18.517	ng/ul	97

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35) 1-Methylnaphthalene	12.01	142	292138	18.399	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	172277	19.519	ng/ul	99
38) Hexachlorocyclopentadiene	12.15	237	67627	15.014	ng/ul	99
39) 2,4,6-Trichlorophenol	12.43	196	107985	20.726	ng/ul	97
40) 2,4,5-Trichlorophenol	12.50	196	113942	19.997	ng/ul	95
41) 1,1'-Biphenyl	12.83	154	400759	19.067	ng/ul	98
42) 2-Chloronaphthalene	12.87	162	311653	18.838	ng/ul	97
43) 2-Nitroaniline	13.10	65	114159	20.525	ng/ul	99
45) Dimethylphthalate	13.49	163	373230	18.409	ng/ul	99
46) 2,6-Dinitrotoluene	13.61	165	78263	19.974	ng/ul	99
48) Acenaphthylene	13.73	152	476903	19.026	ng/ul	99
49) 3-Nitroaniline	13.94	138	72151	22.152	ng/ul	98
50) Acenaphthene	14.08	153	329686	18.609	ng/ul	98
51) 2,4-Dinitrophenol	14.17	184	35386	17.383	ng/ul	90
53) 4-Nitrophenol	14.27	109	52462	18.234	ng/ul	99
54) Dibenzofuran	14.42	168	457184	18.187	ng/ul	99
55) 2,4-Dinitrotoluene	14.42	165	108354	18.594	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.66	232	94796	19.327	ng/ul	98
57) Diethylphthalate	14.87	149	367541	18.038	ng/ul	99
59) Fluorene	15.07	166	376568	18.335	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.08	204	189273	17.731	ng/ul	99
61) 4-Nitroaniline	15.12	138	72722m	19.740	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.19	198	57658	18.395	ng/ul	92
65) N-Nitrosodiphenylamine	15.30	169	312107	19.707	ng/ul	100
66) 4-Bromophenyl-phenylether	15.97	248	110927	19.427	ng/ul	98
67) Hexachlorobenzene	16.09	284	120923	18.584	ng/ul	96
68) Atrazine	16.27	200	105344	20.417	ng/ul	99
69) Pentachlorophenol	16.44	266	64168	19.998	ng/ul	97
70) Phenanthrene	16.82	178	539199	18.281	ng/ul	98
72) Anthracene	16.90	178	549709	18.471	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	167697	20.536	ng/uL	100
74) Pentachlorobenzene	14.34	250	153826	19.667	ng/uL	99
75) Carbazole	17.19	167	458596	19.246	ng/ul	98
76) Di-n-butylphthalate	17.77	149	558632	19.377	ng/ul	99
77) Fluoranthene	18.84	202	555287	18.200	ng/ul	99
80) Pyrene	19.21	202	564430	19.903	ng/ul	98
81) Butylbenzylphthalate	20.14	149	221013	21.969	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.92	252	163499	20.270	ng/ul	99
83) Benzo(a)anthracene	20.97	228	517914	18.802	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.94	149	323896	21.618	ng/ul	100
85) Chrysene	21.03	228	504637	18.466	ng/ul	99
87) Di-n-octyl phthalate	21.78	149	551851	21.462	ng/ul	100
88) Benzo(b)fluoranthene	22.46	252	532846	18.799	ng/ul	99
89) Benzo(k)fluoranthene	22.50	252	521602	18.567	ng/ul	100
91) Benzo(a)pyrene	22.98	252	479011	19.050	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.09	276	636746	19.403	ng/ul	98
93) Dibenzo(a,h)anthracene	25.10	278	532612	19.264	ng/ul	99
94) Benzo(g,h,i)perylene	25.70	276	535704	19.571	ng/ul	99

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

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