Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
Data File : BM026765.D
Acq On : 14 Jul 2020 23:15
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02034

Manual Integrations APPROVED
mohammad
7/15/2020 10:58:59 AM

Quant Time: Jul 15 00:34:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	92727	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	365476	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	219195	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	449809	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	482578	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	496715	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	21972	7.12	ng/uL	0.00
5) Phenol-d5	6.52	99	153406	18.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	108600	18.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	119987	18.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	118209	17.40	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	56883	19.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	61147	19.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	117399	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	145128	22.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	327293	18.72	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	397983	18.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	48055	19.04	ng/ul	0.00
58) Fluorene-d10	14.98	176	282780	18.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	54329	19.33	ng/ul	0.00
71) Anthracene-d10	16.83	188	425970	19.23	ng/ul	0.00
79) Pyrene-d10	19.14	212	457513	18.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	516283	19.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	23240	6.956	ng/uL	98
4) Benzaldehyde	6.47	77	105009	23.284	ng/ul	96
6) Phenol	6.55	94	169274	18.130	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.76	93	130659	18.379	ng/ul	98
10) 2-Chlorophenol	6.88	128	128771	17.901	ng/ul	99
11) 2-Methylphenol	7.77	108	118556	17.773	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.84	45	266296m	19.309	ng/ul	
14) Acetophenone	8.13	105	205833	17.887	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.12	70	121563	17.882	ng/ul	95
16) 4-Methylphenol	8.10	108	131388	17.720	ng/ul	95
17) Hexachloroethane	8.35	117	58225	18.266	ng/ul	99
20) Nitrobenzene	8.50	77	173686	19.055	ng/ul	98
21) Isophorone	9.02	82	292590	19.096	ng/ul	99
23) 2-Nitrophenol	9.20	139	69012	19.354	ng/ul	95
24) 2,4-Dimethylphenol	9.28	107	157027	19.122	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.51	93	168620	18.509	ng/ul	98
27) 2,4-Dichlorophenol	9.73	162	120477	19.319	ng/ul	96
28) Naphthalene	10.11	128	398499	18.421	ng/ul	99
30) 4-Chloroaniline	10.24	127	155343	23.005	ng/ul	99
31) Hexachlorobutadiene	10.40	225	87174	19.288	ng/ul	99
32) Caprolactam	11.02	113	33771m	19.607	ng/ul	
33) 4-Chloro-3-methylphenol	11.39	107	131081	18.472	ng/ul	96
34) 2-Methylnaphthalene	11.74	142	276334	18.234	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	11.96	142	253160	17.922	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	154488	19.391	ng/ul	98
38) Hexachlorocyclopentadiene	12.10	237	87034	21.406	ng/ul	96
39) 2,4,6-Trichlorophenol	12.38	196	93964	19.979	ng/ul	96
40) 2,4,5-Trichlorophenol	12.46	196	97828	19.020	ng/ul	96
41) 1,1'-Biphenyl	12.79	154	353509	18.632	ng/ul	98
42) 2-Chloronaphthalene	12.82	162	279019	18.683	ng/ul	98
43) 2-Nitroaniline	13.05	65	102589	20.433	ng/ul	98
45) Dimethylphthalate	13.45	163	338088	18.473	ng/ul	99
46) 2,6-Dinitrotoluene	13.57	165	69031	19.516	ng/ul	97
48) Acenaphthylene	13.68	152	418725	18.505	ng/ul	98
49) 3-Nitroaniline	13.90	138	67114	22.827	ng/ul	93
50) Acenaphthene	14.04	153	291994	18.258	ng/ul	98
51) 2,4-Dinitrophenol	14.12	184	44495	24.213	ng/ul	97
53) 4-Nitrophenol	14.24	109	51612	19.872	ng/ul	92
54) Dibenzofuran	14.38	168	415262	18.300	ng/ul	97
55) 2,4-Dinitrotoluene	14.37	165	102546	19.494	ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	14.62	232	87331	19.724	ng/ul	93
57) Diethylphthalate	14.84	149	351726	19.122	ng/ul	98
59) Fluorene	15.03	166	339032	18.287	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.04	204	177275	18.397	ng/ul	96
61) 4-Nitroaniline	15.08	138	67425m	20.275	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.15	198	55616	18.684	ng/ul	96
65) N-Nitrosodiphenylamine	15.26	169	289513	19.249	ng/ul	99
66) 4-Bromophenyl-phenylether	15.94	248	103821	19.146	ng/ul	97
67) Hexachlorobenzene	16.04	284	116859	18.911	ng/ul	92
68) Atrazine	16.23	200	102576	20.934	ng/ul	98
69) Pentachlorophenol	16.40	266	60117	19.729	ng/ul	97
70) Phenanthrene	16.77	178	518948	18.527	ng/ul	99
72) Anthracene	16.87	178	541835	19.172	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	151315	19.512	ng/uL	99
74) Pentachlorobenzene	14.30	250	143385	19.304	ng/uL	96
75) Carbazole	17.15	167	454231	20.074	ng/ul	99
76) Di-n-butylphthalate	17.73	149	578570	21.132	ng/ul	100
77) Fluoranthene	18.80	202	598180	20.645	ng/ul	99
80) Pyrene	19.17	202	623470	18.231	ng/ul	99
81) Butylbenzylphthalate	20.11	149	254490	20.976	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.88	252	189463	19.477	ng/ul	98
83) Benzo(a)anthracene	20.94	228	624783	18.808	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.90	149	400937	22.190	ng/ul	98
85) Chrysene	20.99	228	604456	18.342	ng/ul	99
87) Di-n-octyl phthalate	21.74	149	673372	22.001	ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	657502	19.488	ng/ul	99
89) Benzo(k)fluoranthene	22.45	252	631948	18.898	ng/ul	99
91) Benzo(a)pyrene	22.93	252	579670	19.367	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.01	276	773292	19.796	ng/ul	99
93) Dibenzo(a,h)anthracene	25.02	278	653148	19.847	ng/ul	99
94) Benzo(g,h,i)perylene	25.62	276	637237	19.558	ng/ul	99

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

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