Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
Data File : BM026758.D
Acq On : 14 Jul 2020 18:24
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02033

Manual Integrations APPROVED
mohammad
7/15/2020 10:58:32 AM

Quant Time: Jul 14 18:57:32 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	65592	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	260231	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	161348	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	339750	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	365872	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	380000	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	16174	7.41	ng/uL	0.00
5) Phenol-d5	6.52	99	107037	17.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	76575	18.85	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	84827	18.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	84288	17.54	ng/ul	0.00
19) Nitrobenzene-d5	8.46	128	38571	18.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	42139	19.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	84485	19.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	102995	22.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	238675	18.54	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	285835	18.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	33925	18.26	ng/ul	0.00
58) Fluorene-d10	14.98	176	204673	18.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	38344	18.06	ng/ul	0.00
71) Anthracene-d10	16.83	188	316160	18.90	ng/ul	0.00
79) Pyrene-d10	19.14	212	351043	18.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	400866	19.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	17387	7.357	ng/uL	95
4) Benzaldehyde	6.47	77	74823	23.455	ng/ul	96
6) Phenol	6.55	94	118031	17.872	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.76	93	94236	18.740	ng/ul	97
10) 2-Chlorophenol	6.88	128	92254	18.130	ng/ul	99
11) 2-Methylphenol	7.77	108	84672	17.944	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.84	45	188762m	19.349	ng/ul	
14) Acetophenone	8.13	105	145286	17.849	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.12	70	84558	17.584	ng/ul	92
16) 4-Methylphenol	8.10	108	92545	17.645	ng/ul	100
17) Hexachloroethane	8.35	117	42951	19.049	ng/ul	93
20) Nitrobenzene	8.50	77	121143	18.666	ng/ul	96
21) Isophorone	9.02	82	208360	19.099	ng/ul	99
23) 2-Nitrophenol	9.20	139	48698	19.180	ng/ul	96
24) 2,4-Dimethylphenol	9.28	107	110907	18.968	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.51	93	122566	18.895	ng/ul	97
27) 2,4-Dichlorophenol	9.74	162	84986	19.139	ng/ul	95
28) Naphthalene	10.11	128	280481	18.209	ng/ul	99
30) 4-Chloroaniline	10.24	127	109170	22.706	ng/ul	100
31) Hexachlorobutadiene	10.40	225	62189	19.325	ng/ul	98
32) Caprolactam	11.02	113	24276	19.795	ng/ul	95
33) 4-Chloro-3-methylphenol	11.39	107	98354	19.466	ng/ul	98
34) 2-Methylnaphthalene	11.74	142	198442	18.390	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	11.97	142	182018	18.097	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	109919	18.743	ng/ul	98
38) Hexachlorocyclopentadiene	12.10	237	44054	14.720	ng/ul	96
39) 2,4,6-Trichlorophenol	12.39	196	66123	19.100	ng/ul	96
40) 2,4,5-Trichlorophenol	12.47	196	72130	19.051	ng/ul	90
41) 1,1'-Biphenyl	12.79	154	252057	18.048	ng/ul	100
42) 2-Chloronaphthalene	12.82	162	200384	18.228	ng/ul	98
43) 2-Nitroaniline	13.05	65	72894	19.723	ng/ul	96
45) Dimethylphthalate	13.45	163	250439	18.590	ng/ul	99
46) 2,6-Dinitrotoluene	13.57	165	49948	19.184	ng/ul	96
48) Acenaphthylene	13.68	152	304027	18.253	ng/ul	98
49) 3-Nitroaniline	13.90	138	46341	21.412	ng/ul	99
50) Acenaphthene	14.04	153	213360	18.124	ng/ul	99
51) 2,4-Dinitrophenol	14.13	184	20813	15.387	ng/ul	96
53) 4-Nitrophenol	14.25	109	35714	18.681	ng/ul	96
54) Dibenzofuran	14.38	168	301516	18.051	ng/ul	96
55) 2,4-Dinitrotoluene	14.38	165	74281	19.183	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.62	232	63230	19.400	ng/ul	97
57) Diethylphthalate	14.84	149	259032	19.132	ng/ul	99
59) Fluorene	15.03	166	248592	18.216	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.04	204	129163	18.210	ng/ul	98
61) 4-Nitroaniline	15.08	138	48794m	19.933	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.15	198	38868	17.288	ng/ul	97
65) N-Nitrosodiphenylamine	15.26	169	211775	18.642	ng/ul	99
66) 4-Bromophenyl-phenylether	15.94	248	78660	19.205	ng/ul	99
67) Hexachlorobenzene	16.04	284	86562	18.546	ng/ul	94
68) Atrazine	16.24	200	78935	21.328	ng/ul	98
69) Pentachlorophenol	16.40	266	43595	18.941	ng/ul	97
70) Phenanthrene	16.77	178	391623	18.511	ng/ul	99
72) Anthracene	16.87	178	394487	18.480	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	107175	18.297	ng/uL	97
74) Pentachlorobenzene	14.30	250	103764	18.495	ng/uL	98
75) Carbazole	17.15	167	342305	20.028	ng/ul	99
76) Di-n-butylphthalate	17.73	149	435226	21.046	ng/ul	99
77) Fluoranthene	18.81	202	450977	20.607	ng/ul	98
80) Pyrene	19.17	202	475255	18.329	ng/ul	99
81) Butylbenzylphthalate	20.11	149	196405	21.353	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.89	252	145920	19.786	ng/ul	98
83) Benzo(a)anthracene	20.94	228	480111	19.063	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.91	149	311677	22.753	ng/ul	99
85) Chrysene	20.99	228	465636	18.636	ng/ul	100
87) Di-n-octyl phthalate	21.75	149	525464	22.441	ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	497397	19.270	ng/ul	99
89) Benzo(k)fluoranthene	22.46	252	499030	19.507	ng/ul	98
91) Benzo(a)pyrene	22.93	252	448237	19.575	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.02	276	584763	19.568	ng/ul	99
93) Dibenzo(a,h)anthracene	25.02	278	496244	19.710	ng/ul	99
94) Benzo(g,h,i)perylene	25.62	276	486634	19.523	ng/ul	98

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

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