Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025833.D
Acq On : 27 Mar 2020 12:13
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02067

Manual Integrations APPROVED
mohammad
3/30/2020 8:31:41 AM

Quant Time: Mar 27 12:46:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 26 18:34:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	165227	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	676606	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	428510	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	943905	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1033432	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1136435	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	30837	7.83	ng/uL	0.00
5) Phenol-d5	6.75	99	263826	20.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	149833	20.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	216334	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	211076	19.70	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	104054	20.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	109581	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	222541	20.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	265058	20.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	637578	19.58	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	796987	20.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	111574	17.99	ng/ul	0.00
58) Fluorene-d10	15.20	176	571551	19.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	98599	17.12	ng/ul	0.00
71) Anthracene-d10	17.05	188	879602	19.95	ng/ul	0.00
79) Pyrene-d10	19.34	212	954040	19.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1200656	20.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	34972	8.247	ng/uL	91
4) Benzaldehyde	6.72	77	100789	14.593	ng/ul	99
6) Phenol	6.77	94	274335	20.146	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.00	93	214775	19.916	ng/ul	99
10) 2-Chlorophenol	7.13	128	231509	20.780	ng/ul	96
11) 2-Methylphenol	8.01	108	205664	19.738	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.09	45	294546	20.471	ng/ul	97
14) Acetophenone	8.38	105	326070	19.729	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	162755	19.657	ng/ul	100
16) 4-Methylphenol	8.33	108	225518	19.826	ng/ul	97
17) Hexachloroethane	8.63	117	92380	19.946	ng/ul	97
20) Nitrobenzene	8.75	77	250849	20.475	ng/ul	99
21) Isophorone	9.27	82	450277	19.902	ng/ul	98
23) 2-Nitrophenol	9.45	139	125039	20.825	ng/ul	97
24) 2,4-Dimethylphenol	9.53	107	237852	19.535	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.76	93	286103	19.730	ng/ul	100
27) 2,4-Dichlorophenol	9.99	162	222300	20.494	ng/ul	100
28) Naphthalene	10.38	128	749874	20.350	ng/ul	99
30) 4-Chloroaniline	10.49	127	274288	21.294	ng/ul	100
31) Hexachlorobutadiene	10.68	225	136996	19.332	ng/ul	98
32) Caprolactam	11.25	113	58235m	16.235	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	230369	20.430	ng/ul	97
34) 2-Methylnaphthalene	12.00	142	532556	20.234	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	525374	20.017 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	267724	19.754 ng/ul	99
38) Hexachlorocyclopentadiene	12.36	237	128490	13.892 ng/ul	99
39) 2,4,6-Trichlorophenol	12.62	196	172406	20.009 ng/ul	98
40) 2,4,5-Trichlorophenol	12.69	196	188205	20.067 ng/ul	97
41) 1,1'-Biphenyl	13.03	154	693401	20.252 ng/ul	100
42) 2-Chloronaphthalene	13.07	162	549021	20.359 ng/ul	99
43) 2-Nitroaniline	13.27	65	139971	20.768 ng/ul	98
45) Dimethylphthalate	13.67	163	668845	19.730 ng/ul	100
46) 2,6-Dinitrotoluene	13.78	165	136212	20.429 ng/ul	98
48) Acenaphthylene	13.92	152	860216	20.356 ng/ul	99
49) 3-Nitroaniline	14.11	138	111452	18.528 ng/ul	94
50) Acenaphthene	14.27	153	582295	20.270 ng/ul	99
51) 2,4-Dinitrophenol	14.32	184	58053	14.513 ng/ul	97
53) 4-Nitrophenol	14.42	109	89325	18.430 ng/ul	97
54) Dibenzofuran	14.60	168	827330	20.302 ng/ul	97
55) 2,4-Dinitrotoluene	14.57	165	200909	20.610 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.84	232	165614	19.482 ng/ul#	99
57) Diethylphthalate	15.05	149	674229	19.404 ng/ul	100
59) Fluorene	15.26	166	689635	20.118 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	343412	19.574 ng/ul	98
61) 4-Nitroaniline	15.27	138	127643	17.833 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.34	198	110766	17.588 ng/ul	94
65) N-Nitrosodiphenylamine	15.47	169	575301	19.724 ng/ul	99
66) 4-Bromophenyl-phenylether	16.15	248	226853	19.488 ng/ul	98
67) Hexachlorobenzene	16.27	284	273413	19.130 ng/ul	99
68) Atrazine	16.43	200	202939	18.448 ng/ul	97
69) Pentachlorophenol	16.61	266	146996	17.610 ng/ul	100
70) Phenanthrene	16.99	178	1115803	20.083 ng/ul	99
72) Anthracene	17.08	178	1139453	20.124 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	288774	19.965 ng/uL	99
74) Pentachlorobenzene	14.53	250	313150	19.450 ng/uL	99
75) Carbazole	17.35	167	965932	19.520 ng/ul	99
76) Di-n-butylphthalate	17.94	149	1114273	19.286 ng/ul	100
77) Fluoranthene	19.02	202	1268410	19.368 ng/ul	98
80) Pyrene	19.37	202	1338166	19.280 ng/ul	97
81) Butylbenzylphthalate	20.30	149	496140	18.769 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	347894	14.815 ng/ul	97
83) Benzo(a)anthracene	21.13	228	1307994	19.197 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	746474	18.205 ng/ul	99
85) Chrysene	21.19	228	1273385	19.049 ng/ul	99
87) Di-n-octyl phthalate	21.95	149	1244762	18.279 ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1426485	20.118 ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	1438064	20.588 ng/ul	100
91) Benzo(a)pyrene	23.20	252	1319617	20.450 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.42	276	1709849	20.064 ng/ul	100
93) Dibenzo(a,h)anthracene	25.43	278	1450783	20.104 ng/ul	99
94) Benzo(g,h,i)perylene	26.06	276	1418397	20.195 ng/ul	98

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

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