Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025692.D
Acq On : 21 Mar 2020 10:34
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02054

Manual Integrations APPROVED
mohammad
3/23/2020 9:42:31 AM

Quant Time: Mar 22 07:57:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 11:44:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	172709	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	710343	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	453165	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	963111	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	961599	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1122091	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	33888	8.23	ng/uL	0.00
5) Phenol-d5	6.76	99	285142	20.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	161852	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	240107	21.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	233203	20.82	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	115532	21.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	125286	22.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	252672	22.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	281767	21.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	705800	20.49	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	870892	21.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	132458	20.20	ng/ul	0.00
58) Fluorene-d10	15.21	176	620724	20.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	106363	18.10	ng/ul	0.00
71) Anthracene-d10	17.06	188	954079	21.21	ng/ul	0.00
79) Pyrene-d10	19.35	212	1003301	21.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1211196	21.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	35677	8.049	ng/uL	91
4) Benzaldehyde	6.72	77	108428	15.019	ng/ul	95
6) Phenol	6.79	94	294768	20.709	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.01	93	233116	20.681	ng/ul	99
10) 2-Chlorophenol	7.15	128	250360	21.499	ng/ul	98
11) 2-Methylphenol	8.02	108	225413	20.696	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.10	45	310243	20.628	ng/ul	97
14) Acetophenone	8.39	105	352373	20.397	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.38	70	180289	20.832	ng/ul	98
16) 4-Methylphenol	8.35	108	250097	21.035	ng/ul	98
17) Hexachloroethane	8.65	117	101018	20.866	ng/ul	97
20) Nitrobenzene	8.76	77	280591	21.815	ng/ul	99
21) Isophorone	9.29	82	500047	21.052	ng/ul	99
23) 2-Nitrophenol	9.46	139	138874	22.031	ng/ul	98
24) 2,4-Dimethylphenol	9.54	107	272438	21.313	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	312167	20.505	ng/ul	98
27) 2,4-Dichlorophenol	9.99	162	248376	21.811	ng/ul	98
28) Naphthalene	10.39	128	818896	21.168	ng/ul	100
30) 4-Chloroaniline	10.50	127	285339	21.100	ng/ul	99
31) Hexachlorobutadiene	10.69	225	153041	20.570	ng/ul	99
32) Caprolactam	11.26	113	73661m	19.560	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	255483	21.581	ng/ul	96
34) 2-Methylnaphthalene	12.01	142	580829	21.020	ng/ul	99

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35) 1-Methylnaphthalene	12.23	142	574208	20.838	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	302028	21.073	ng/ul	100
38) Hexachlorocyclopentadiene	12.37	237	184257	18.838	ng/ul	98
39) 2,4,6-Trichlorophenol	12.63	196	197524	21.677	ng/ul	99
40) 2,4,5-Trichlorophenol	12.70	196	215371	21.714	ng/ul	99
41) 1,1'-Biphenyl	13.04	154	758678	20.953	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	601885	21.105	ng/ul	99
43) 2-Nitroaniline	13.28	65	158110	22.183	ng/ul	98
45) Dimethylphthalate	13.68	163	731324	20.399	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	152401	21.613	ng/ul	96
48) Acenaphthylene	13.93	152	949659	21.250	ng/ul	100
49) 3-Nitroaniline	14.12	138	125372	19.708	ng/ul	96
50) Acenaphthene	14.27	153	638243	21.009	ng/ul	98
51) 2,4-Dinitrophenol	14.33	184	85347	20.175	ng/ul	100
53) 4-Nitrophenol	14.43	109	98796	19.275	ng/ul	94
54) Dibenzofuran	14.62	168	898238	20.842	ng/ul	99
55) 2,4-Dinitrotoluene	14.58	165	221631	21.498	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.85	232	187768	20.887	ng/ul	98
57) Diethylphthalate	15.06	149	725494	19.743	ng/ul	99
59) Fluorene	15.27	166	750651	20.707	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.27	204	368068	19.838	ng/ul	99
61) 4-Nitroaniline	15.28	138	150178	19.839	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.35	198	115598	17.989	ng/ul#	98
65) N-Nitrosodiphenylamine	15.48	169	633602	21.289	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	245918	20.705	ng/ul	97
67) Hexachlorobenzene	16.27	284	298382	20.460	ng/ul	98
68) Atrazine	16.44	200	225156	20.059	ng/ul	98
69) Pentachlorophenol	16.62	266	164419	19.304	ng/ul	98
70) Phenanthrene	17.00	178	1181894	20.848	ng/ul	99
72) Anthracene	17.09	178	1223009	21.168	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	315681	21.390	ng/uL	99
74) Pentachlorobenzene	14.54	250	343103	20.886	ng/uL	98
75) Carbazole	17.36	167	1042977	20.657	ng/ul	100
76) Di-n-butylphthalate	17.94	149	1208157	20.494	ng/ul	99
77) Fluoranthene	19.02	202	1348321	20.178	ng/ul	99
80) Pyrene	19.38	202	1393893	21.583	ng/ul	97
81) Butylbenzylphthalate	20.30	149	538364	21.888	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.07	252	384086	17.579	ng/ul	99
83) Benzo(a)anthracene	21.13	228	1346665	21.242	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	786706	20.620	ng/ul#	99
85) Chrysene	21.19	228	1304747	20.976	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	1326189	19.724	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1481037	21.154	ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	1424324	20.652	ng/ul	100
91) Benzo(a)pyrene	23.21	252	1344815	21.107	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.43	276	1731592	20.579	ng/ul	99
93) Dibenzo(a,h)anthracene	25.44	278	1474698	20.697	ng/ul	99
94) Benzo(g,h,i)perylene	26.08	276	1440444	20.771	ng/ul	99

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

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