Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025850.D
Acq On : 27 Mar 2020 22:33
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02068

Manual Integrations APPROVED
mohammad
3/30/2020 8:32:38 AM

Quant Time: Mar 27 23:13:15 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	163591	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	672931	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	423105	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	942802	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1069856	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1159437	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	32822	8.42	ng/uL	0.00
5) Phenol-d5	6.75	99	255442	19.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	147111	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	218313	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	208757	19.68	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	101827	20.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	108695	20.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	221994	20.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	274519	21.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	630664	19.61	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	790808	20.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	113776	18.58	ng/ul	0.00
58) Fluorene-d10	15.20	176	572294	20.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	95579	16.62	ng/ul	0.00
71) Anthracene-d10	17.05	188	884061	20.08	ng/ul	0.00
79) Pyrene-d10	19.34	212	970690	18.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1224135	20.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	32776	7.806	ng/uL#	91
4) Benzaldehyde	6.72	77	121927	17.830	ng/ul	98
6) Phenol	6.78	94	269053	19.955	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.00	93	214293	20.070	ng/ul	99
10) 2-Chlorophenol	7.13	128	227026	20.582	ng/ul	99
11) 2-Methylphenol	8.01	108	201572	19.539	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.10	45	287139	20.156	ng/ul	98
14) Acetophenone	8.38	105	319312	19.514	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	161517	19.703	ng/ul	98
16) 4-Methylphenol	8.33	108	223718	19.865	ng/ul	99
17) Hexachloroethane	8.63	117	89660	19.552	ng/ul	99
20) Nitrobenzene	8.75	77	250279	20.540	ng/ul	98
21) Isophorone	9.27	82	439346	19.525	ng/ul	98
23) 2-Nitrophenol	9.45	139	122121	20.450	ng/ul	96
24) 2,4-Dimethylphenol	9.52	107	224694	18.555	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	276406	19.165	ng/ul	99
27) 2,4-Dichlorophenol	9.98	162	222611	20.635	ng/ul	99
28) Naphthalene	10.37	128	741190	20.224	ng/ul	99
30) 4-Chloroaniline	10.49	127	282823	22.076	ng/ul	99
31) Hexachlorobutadiene	10.67	225	138477	19.647	ng/ul	99
32) Caprolactam	11.25	113	64960m	18.209	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	225368	20.095	ng/ul	96
34) 2-Methylnaphthalene	12.00	142	526039	20.096	ng/ul	98

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35) 1-Methylnaphthalene	12.22	142	522426	20.013	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	268624	20.074	ng/ul	98
38) Hexachlorocyclopentadiene	12.36	237	115083	12.601	ng/ul	98
39) 2,4,6-Trichlorophenol	12.62	196	174008	20.453	ng/ul	97
40) 2,4,5-Trichlorophenol	12.69	196	188445	20.349	ng/ul	99
41) 1,1'-Biphenyl	13.03	154	685964	20.291	ng/ul	100
42) 2-Chloronaphthalene	13.06	162	543617	20.416	ng/ul	99
43) 2-Nitroaniline	13.27	65	138633	20.832	ng/ul	97
45) Dimethylphthalate	13.67	163	662777	19.800	ng/ul	99
46) 2,6-Dinitrotoluene	13.78	165	137941	20.952	ng/ul	95
48) Acenaphthylene	13.92	152	849696	20.364	ng/ul	99
49) 3-Nitroaniline	14.10	138	129399	21.786	ng/ul	96
50) Acenaphthene	14.26	153	575271	20.281	ng/ul	99
51) 2,4-Dinitrophenol	14.32	184	56222	14.235	ng/ul	88
53) 4-Nitrophenol	14.42	109	87536	18.291	ng/ul	95
54) Dibenzofuran	14.60	168	819188	20.359	ng/ul	99
55) 2,4-Dinitrotoluene	14.57	165	199505	20.727	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.83	232	169949	20.248	ng/ul	98
57) Diethylphthalate	15.05	149	673003	19.616	ng/ul	99
59) Fluorene	15.26	166	692930	20.473	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	338261	19.527	ng/ul	99
61) 4-Nitroaniline	15.27	138	141006	19.951	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.34	198	109927	17.475	ng/ul	95
65) N-Nitrosodiphenylamine	15.47	169	583356	20.023	ng/ul	98
66) 4-Bromophenyl-phenylether	16.15	248	229788	19.764	ng/ul	99
67) Hexachlorobenzene	16.26	284	281413	19.713	ng/ul	98
68) Atrazine	16.43	200	207086	18.847	ng/ul	97
69) Pentachlorophenol	16.61	266	151150	18.128	ng/ul	99
70) Phenanthrene	16.99	178	1111860	20.035	ng/ul	98
72) Anthracene	17.08	178	1129521	19.971	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	284118	19.666	ng/uL	96
74) Pentachlorobenzene	14.53	250	318712	19.819	ng/uL	99
75) Carbazole	17.35	167	992360	20.078	ng/ul	99
76) Di-n-butylphthalate	17.94	149	1128795	19.560	ng/ul	100
77) Fluoranthene	19.01	202	1299594	19.867	ng/ul	99
80) Pyrene	19.37	202	1363254	18.973	ng/ul	99
81) Butylbenzylphthalate	20.30	149	501076	18.310	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.06	252	376947	15.506	ng/ul	100
83) Benzo(a)anthracene	21.13	228	1331987	18.884	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	770452	18.150	ng/ul	98
85) Chrysene	21.18	228	1300416	18.791	ng/ul	100
87) Di-n-octyl phthalate	21.94	149	1270399	18.286	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1476101	20.404	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	1458789	20.470	ng/ul	99
91) Benzo(a)pyrene	23.20	252	1347164	20.463	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.42	276	1749854	20.126	ng/ul	99
93) Dibenzo(a,h)anthracene	25.43	278	1482412	20.135	ng/ul	100
94) Benzo(g,h,i)perylene	26.06	276	1461351	20.394	ng/ul	98

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

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