Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025794.D
Acq On : 26 Mar 2020 06:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02063

Manual Integrations APPROVED
mohammad
3/27/2020 8:15:55 AM

Quant Time: Mar 26 13:53:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 24 00:45:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	222281	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	926014	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.20	164	583511	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	1241691	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1274121	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1493439	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	38400	7.25	ng/uL	0.00
5) Phenol-d5	6.75	99	336454	19.18	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	187635	18.74	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	283945	19.94	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	268104	18.60	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	137319	19.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	146422	20.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	289014	19.32	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.47	131	349145	20.09	ng/ul	-0.01
44) Dimethylphthalate-d6	13.62	166	801734	18.08	ng/ul	-0.01
47) Acenaphthylene-d8	13.89	160	948107	17.84	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.42	143	149841	17.75	ng/ul	0.00
58) Fluorene-d10	15.20	176	691602	17.77	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	125399	16.55	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1060979	18.29	ng/ul	0.00
79) Pyrene-d10	19.35	212	1164275	19.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1433291	18.75	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	37188	6.519	ng/uL	91
4) Benzaldehyde	6.72	77	221568	23.846	ng/ul	99
6) Phenol	6.78	94	358889	19.590	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.00	93	269277	18.561	ng/ul	99
10) 2-Chlorophenol	7.13	128	304331	20.305	ng/ul	98
11) 2-Methylphenol	8.01	108	271161	19.344	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.10	45	362618	18.733	ng/ul	97
14) Acetophenone	8.38	105	429717	19.327	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.37	70	212709	19.097	ng/ul	98
16) 4-Methylphenol	8.34	108	295049	19.281	ng/ul	94
17) Hexachloroethane	8.63	117	117540	18.864	ng/ul	97
20) Nitrobenzene	8.75	77	318099	18.971	ng/ul	98
21) Isophorone	9.27	82	575290	18.579	ng/ul	99
23) 2-Nitrophenol	9.46	139	162673	19.796	ng/ul	97
24) 2,4-Dimethylphenol	9.53	107	309470	18.571	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	359329	18.106	ng/ul	100
27) 2,4-Dichlorophenol	9.99	162	294867	19.862	ng/ul	99
28) Naphthalene	10.38	128	938170	18.603	ng/ul	99
30) 4-Chloroaniline	10.49	127	366340	20.780	ng/ul	100
31) Hexachlorobutadiene	10.68	225	175471	18.092	ng/ul	98
32) Caprolactam	11.25	113	84350m	17.182	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	293578	19.023	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	688713	19.119	ng/ul	97

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35) 1-Methylnaphthalene	12.22	142	651976	18.150	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	342638	18.566	ng/ul	97
38) Hexachlorocyclopentadiene	12.37	237	223004	17.706	ng/ul	97
39) 2,4,6-Trichlorophenol	12.63	196	225643	19.232	ng/ul	99
40) 2,4,5-Trichlorophenol	12.70	196	247551	19.383	ng/ul	98
41) 1,1'-Biphenyl	13.03	154	882290	18.924	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	679771	18.511	ng/ul	99
43) 2-Nitroaniline	13.27	65	182505	19.886	ng/ul	99
45) Dimethylphthalate	13.67	163	812877	17.609	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	170887	18.821	ng/ul	95
48) Acenaphthylene	13.92	152	1044702	18.155	ng/ul	100
49) 3-Nitroaniline	14.11	138	172150	21.016	ng/ul	97
50) Acenaphthene	14.27	153	718197	18.360	ng/ul	98
51) 2,4-Dinitrophenol	14.32	184	120587	22.138	ng/ul	97
53) 4-Nitrophenol	14.43	109	173220	26.245	ng/ul	98
54) Dibenzofuran	14.61	168	1031634	18.590	ng/ul	100
55) 2,4-Dinitrotoluene	14.57	165	248815	18.744	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.84	232	218998	18.919	ng/ul	98
57) Diethylphthalate	15.05	149	809931	17.118	ng/ul	100
59) Fluorene	15.26	166	833213	17.850	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	412719	17.276	ng/ul	99
61) 4-Nitroaniline	15.27	138	196283	20.138	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.34	198	140722	16.986	ng/ul	100
65) N-Nitrosodiphenylamine	15.47	169	732425	19.088	ng/ul	99
66) 4-Bromophenyl-phenylether	16.15	248	278943	18.216	ng/ul	99
67) Hexachlorobenzene	16.27	284	327513	17.419	ng/ul	99
68) Atrazine	16.43	200	248908	17.200	ng/ul	100
69) Pentachlorophenol	16.61	266	274138	24.965	ng/ul	99
70) Phenanthrene	16.99	178	1327933	18.169	ng/ul	99
72) Anthracene	17.09	178	1358341	18.236	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	345672	18.168	ng/uL	100
74) Pentachlorobenzene	14.53	250	370813	17.508	ng/uL	100
75) Carbazole	17.36	167	1225451	18.825	ng/ul	99
76) Di-n-butylphthalate	17.94	149	1356435	17.847	ng/ul	100
77) Fluoranthene	19.02	202	1524876	17.700	ng/ul	99
80) Pyrene	19.37	202	1561156	18.244	ng/ul	96
81) Butylbenzylphthalate	20.30	149	626290	19.217	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.07	252	522871	18.061	ng/ul	98
83) Benzo(a)anthracene	21.13	228	1599214	19.038	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	920900	18.216	ng/ul	99
85) Chrysene	21.18	228	1500484	18.206	ng/ul	100
87) Di-n-octyl phthalate	21.95	149	1557941	17.409	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1742412	18.699	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	1680187	18.304	ng/ul	99
91) Benzo(a)pyrene	23.20	252	1653680	19.501	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.42	276	2042719	18.240	ng/ul	99
93) Dibenzo(a,h)anthracene	25.43	278	1713187	18.066	ng/ul	99
94) Benzo(g,h,i)perylene	26.07	276	1695464	18.370	ng/ul	99

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

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