Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024763.D
Acq On : 07 Feb 2020 16:09
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02004

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:45 AM

Quant Time: Feb 07 16:52:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	244709	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	975023	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	659480	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1420892	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1296159	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1411500	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	41841	8.22	ng/uL	0.00
5) Phenol-d5	6.60	99	357493	21.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	205919	22.43	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	321891	22.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	301683	21.99	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	155361	22.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	184529	22.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	362923	21.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	328248	20.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1035698	20.81	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1249822	21.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	162142	20.04	ng/ul	0.00
58) Fluorene-d10	15.06	176	908777	20.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	182249	19.68	ng/ul	0.00
71) Anthracene-d10	16.92	188	1390872	21.44	ng/ul	0.00
79) Pyrene-d10	19.22	212	1513023	23.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1513918	21.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	42891	7.995	ng/uL	98
4) Benzaldehyde	6.56	77	246530	23.058	ng/ul	95
6) Phenol	6.63	94	369685	21.605	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.85	93	305645	22.121	ng/ul	98
10) 2-Chlorophenol	6.98	128	326756	22.006	ng/ul	98
11) 2-Methylphenol	7.86	108	292047	21.989	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.95	45	256032	23.563	ng/ul	99
14) Acetophenone	8.22	105	474144	21.935	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.22	70	230429	22.554	ng/ul	96
16) 4-Methylphenol	8.19	108	317885	22.168	ng/ul	99
17) Hexachloroethane	8.47	117	147921	22.093	ng/ul	98
20) Nitrobenzene	8.59	77	360043	21.508	ng/ul	99
21) Isophorone	9.12	82	669274	22.046	ng/ul	97
23) 2-Nitrophenol	9.29	139	197845	22.064	ng/ul	96
24) 2,4-Dimethylphenol	9.37	107	362164	21.620	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.60	93	414263	21.755	ng/ul	99
27) 2,4-Dichlorophenol	9.83	162	361219	21.764	ng/ul	99
28) Naphthalene	10.22	128	1072573	21.530	ng/ul	99
30) 4-Chloroaniline	10.33	127	329382	20.992	ng/ul	98
31) Hexachlorobutadiene	10.52	225	285191	20.686	ng/ul	97
32) Caprolactam	11.09	113	92248m	21.203	ng/ul	
33) 4-Chloro-3-methylphenol	11.47	107	329696	21.409	ng/ul	98
34) 2-Methylnaphthalene	11.84	142	785994	21.419	ng/ul	99

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35) 1-Methylnaphthalene	12.06	142	770696	21.059	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	504514	21.633	ng/ul	97
38) Hexachlorocyclopentadiene	12.21	237	302690	18.406	ng/ul	99
39) 2,4,6-Trichlorophenol	12.47	196	313959	21.872	ng/ul	96
40) 2,4,5-Trichlorophenol	12.55	196	327510	21.829	ng/ul	99
41) 1,1'-Biphenyl	12.88	154	1047353	21.513	ng/ul	99
42) 2-Chloronaphthalene	12.92	162	859748	21.629	ng/ul	99
43) 2-Nitroaniline	13.13	65	184408	22.001	ng/ul	99
45) Dimethylphthalate	13.53	163	1081068	20.818	ng/ul	100
46) 2,6-Dinitrotoluene	13.65	165	226644	21.583	ng/ul	99
48) Acenaphthylene	13.77	152	1291513	21.447	ng/ul	99
49) 3-Nitroaniline	13.97	138	170003	21.493	ng/ul	93
50) Acenaphthene	14.13	153	870019	21.394	ng/ul	99
51) 2,4-Dinitrophenol	14.19	184	114114	17.838	ng/ul	93
53) 4-Nitrophenol	14.30	109	129048	19.534	ng/ul	95
54) Dibenzofuran	14.46	168	1260693	20.797	ng/ul	98
55) 2,4-Dinitrotoluene	14.44	165	315013	21.019	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.70	232	305166	20.816	ng/ul	97
57) Diethylphthalate	14.92	149	1042027	20.279	ng/ul	99
59) Fluorene	15.12	166	1028376	20.584	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.13	204	586464	20.388	ng/ul	95
61) 4-Nitroaniline	15.14	138	208843	21.320	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.21	198	200352	20.210	ng/ul	96
65) N-Nitrosodiphenylamine	15.34	169	870495	21.932	ng/ul	98
66) 4-Bromophenyl-phenylether	16.02	248	383012	21.512	ng/ul	97
67) Hexachlorobenzene	16.13	284	456785	21.708	ng/ul	98
68) Atrazine	16.31	200	354918	20.812	ng/ul	98
69) Pentachlorophenol	16.47	266	264462	21.004	ng/ul	100
70) Phenanthrene	16.86	178	1638614	21.151	ng/ul	100
72) Anthracene	16.94	178	1669147	21.244	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	529492	22.694	ng/uL	97
74) Pentachlorobenzene	14.39	250	553257	22.345	ng/uL	99
75) Carbazole	17.22	167	1369794	20.926	ng/ul	99
76) Di-n-butylphthalate	17.82	149	1796802	21.574	ng/ul	100
77) Fluoranthene	18.89	202	1962002	20.629	ng/ul	99
80) Pyrene	19.25	202	2011568	23.446	ng/ul	99
81) Butylbenzylphthalate	20.19	149	791421	24.661	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.96	252	679466	22.426	ng/ul	99
83) Benzo(a)anthracene	21.02	228	1899619	21.758	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	1200866	23.640	ng/ul	100
85) Chrysene	21.07	228	1841530	21.424	ng/ul	100
87) Di-n-octyl phthalate	21.84	149	1986937	23.556	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	1901907	21.190	ng/ul	100
89) Benzo(k)fluoranthene	22.56	252	1865016	21.588	ng/ul	100
91) Benzo(a)pyrene	23.04	252	1719808	21.372	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.20	276	2128794	21.250	ng/ul	97
93) Dibenzo(a,h)anthracene	25.21	278	1807730	21.179	ng/ul	99
94) Benzo(g,h,i)perylene	25.82	276	1776815	21.325	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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