Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120419\
Data File : BM024009.D
Acq On : 04 Dec 2019 19:37
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020190

Manual Integrations APPROVED
mohammad
12/5/2019 10:50:12 AM

Quant Time: Dec 05 03:18:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 05 02:46:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	375203	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1537026	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	925922	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1917830	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1961883	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	2385403	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	73915	8.77	ng/uL	0.00
5) Phenol-d5	6.67	99	636204	19.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	371490	19.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	500415	19.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	489123	18.85	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	234547	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	263087	19.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	499339	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	588980	20.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1333949	18.54	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1631820	19.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	239375	19.79	ng/ul	0.00
58) Fluorene-d10	15.14	176	1161365	19.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	206420	17.15	ng/ul	0.00
71) Anthracene-d10	16.99	188	1757374	19.19	ng/ul	0.00
79) Pyrene-d10	19.30	212	1915923	18.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	2404117	19.07	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	78769	8.710	ng/uL	98
4) Benzaldehyde	6.63	77	242594	14.008	ng/ul	94
6) Phenol	6.70	94	682784	20.184	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.92	93	523351	19.897	ng/ul	100
10) 2-Chlorophenol	7.05	128	542741	20.869	ng/ul	98
11) 2-Methylphenol	7.93	108	502342	19.907	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.01	45	567252	19.862	ng/ul	99
14) Acetophenone	8.30	105	768404	19.372	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.29	70	421600	19.879	ng/ul	98
16) 4-Methylphenol	8.26	108	544114	19.813	ng/ul	99
17) Hexachloroethane	8.54	117	217147	20.242	ng/ul	97
20) Nitrobenzene	8.67	77	609229	21.022	ng/ul	98
21) Isophorone	9.20	82	1096623	19.932	ng/ul	100
23) 2-Nitrophenol	9.38	139	298492	20.808	ng/ul	97
24) 2,4-Dimethylphenol	9.45	107	585270	20.219	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.69	93	686940	19.901	ng/ul	98
27) 2,4-Dichlorophenol	9.91	162	501123	20.310	ng/ul	98
28) Naphthalene	10.30	128	1661812	20.508	ng/ul	99
30) 4-Chloroaniline	10.42	127	627730	21.648	ng/ul	99
31) Hexachlorobutadiene	10.59	225	308848	19.823	ng/ul	96
32) Caprolactam	11.22	113	144680m	19.418	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	527229	20.189	ng/ul	99
34) 2-Methylnaphthalene	11.93	142	1184020	20.123	ng/ul	100

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35) 1-Methylnaphthalene	12.15	142	1121375	19.412	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	582717	20.177	ng/ul	99
38) Hexachlorocyclopentadiene	12.29	237	220112	16.356	ng/ul	97
39) 2,4,6-Trichlorophenol	12.56	196	377873	20.085	ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	400841	20.041	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	1513600	20.232	ng/ul	99
42) 2-Chloronaphthalene	13.00	162	1166018	20.369	ng/ul	99
43) 2-Nitroaniline	13.22	65	320712	21.555	ng/ul	98
45) Dimethylphthalate	13.61	163	1382136	19.625	ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	283184	20.552	ng/ul	98
48) Acenaphthylene	13.86	152	1770502	20.765	ng/ul	99
49) 3-Nitroaniline	14.06	138	269736	20.933	ng/ul	98
50) Acenaphthene	14.20	153	1234877	20.386	ng/ul	99
51) 2,4-Dinitrophenol	14.28	184	178849	24.350	ng/ul	95
53) 4-Nitrophenol	14.39	109	186081	20.878	ng/ul	97
54) Dibenzofuran	14.55	168	1731917	20.208	ng/ul	100
55) 2,4-Dinitrotoluene	14.53	165	417781	20.846	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.78	232	349423	19.832	ng/ul	98
57) Diethylphthalate	14.99	149	1358563	19.278	ng/ul	99
59) Fluorene	15.20	166	1402289	20.288	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.20	204	677530	19.457	ng/ul	99
61) 4-Nitroaniline	15.23	138	298811	20.557	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.30	198	234211	18.115	ng/ul	99
65) N-Nitrosodiphenylamine	15.42	169	1215098	20.007	ng/ul	100
66) 4-Bromophenyl-phenylether	16.09	248	443111	18.952	ng/ul	98
67) Hexachlorobenzene	16.20	284	527900	19.480	ng/ul	98
68) Atrazine	16.38	200	404599	19.003	ng/ul	98
69) Pentachlorophenol	16.56	266	287778	18.740	ng/ul	98
70) Phenanthrene	16.94	178	2204837	20.351	ng/ul	100
72) Anthracene	17.03	178	2243156	20.393	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	573996	19.900	ng/uL	99
74) Pentachlorobenzene	14.47	250	600044	19.346	ng/uL	99
75) Carbazole	17.30	167	2026633	21.278	ng/ul	99
76) Di-n-butylphthalate	17.89	149	2190798	18.498	ng/ul	100
77) Fluoranthene	18.96	202	2522202	21.708	ng/ul	100
80) Pyrene	19.33	202	2627721	19.879	ng/ul	100
81) Butylbenzylphthalate	20.26	149	1040853	18.534	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.03	252	867474	17.488	ng/ul	99
83) Benzo(a)anthracene	21.09	228	2674303	20.394	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1465000	17.552	ng/ul	99
85) Chrysene	21.14	228	2501733	20.315	ng/ul	99
87) Di-n-octyl phthalate	21.90	149	2529890	18.138	ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	2939333	19.925	ng/ul	100
89) Benzo(k)fluoranthene	22.66	252	2838214	20.268	ng/ul	99
91) Benzo(a)pyrene	23.16	252	2815897	20.188	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.37	276	3497900	20.196	ng/ul	98
93) Dibenzo(a,h)anthracene	25.38	278	2944124	20.238	ng/ul	99
94) Benzo(g,h,i)perylene	26.01	276	2899806	19.992	ng/ul	100

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

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