Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023279.D
Acq On : 19 Oct 2019 05:08
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02019

Quant Time: Oct 19 05:41:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 02:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	391582	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1502426	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	916867	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1893805	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2051331	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	2421562	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	70505	7.92	ng/uL	0.00
5) Phenol-d5	6.83	99	588667	17.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	341428	17.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	476871	18.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	455572	16.63	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	216442	21.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	227858	23.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	481856	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	595764	19.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1305816	18.58	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1579955	19.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	227310	19.98	ng/ul	0.00
58) Fluorene-d10	15.29	176	1137275	19.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	169940	22.63	ng/ul	0.00
71) Anthracene-d10	17.14	188	1766125	19.34	ng/ul	0.00
79) Pyrene-d10	19.44	212	1980407	19.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2381237	19.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	75413	8.110	ng/uL#	79
4) Benzaldehyde	6.80	77	421776	18.821	ng/ul	95
6) Phenol	6.85	94	614725	17.479	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	470708	18.150	ng/ul	98
10) 2-Chlorophenol	7.22	128	501631	18.388	ng/ul	98
11) 2-Methylphenol	8.09	108	450631	16.714	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	666402	17.603	ng/ul	99
14) Acetophenone	8.47	105	719459	16.847	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	372458	15.789	ng/ul#	97
16) 4-Methylphenol	8.42	108	492031	16.783	ng/ul	99
17) Hexachloroethane	8.73	117	211200	19.476	ng/ul	98
20) Nitrobenzene	8.84	77	548101	20.181	ng/ul	96
21) Isophorone	9.37	82	990577	16.956	ng/ul	99
23) 2-Nitrophenol	9.55	139	254090	22.809	ng/ul	98
24) 2,4-Dimethylphenol	9.62	107	544921	18.403	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	610696	18.823	ng/ul	97
27) 2,4-Dichlorophenol	10.08	162	472955	19.665	ng/ul	98
28) Naphthalene	10.48	128	1532899	19.740	ng/ul	98
30) 4-Chloroaniline	10.59	127	612339	19.764	ng/ul	97
31) Hexachlorobutadiene	10.78	225	328132	20.253	ng/ul	99
32) Caprolactam	11.36	113	136781	15.839	ng/ul	90
33) 4-Chloro-3-methylphenol	11.72	107	486803	17.664	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	1091687	18.892	ng/ul	99

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35) 1-Methylnaphthalene	12.32	142	1058551	18.929	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	603364	20.344	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	302128	16.834	ng/ul	97
39) 2,4,6-Trichlorophenol	12.72	196	374284	20.523	ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	405541	20.685	ng/ul	98
41) 1,1'-Biphenyl	13.13	154	1412717	20.250	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	1103029	20.415	ng/ul	99
43) 2-Nitroaniline	13.37	65	287251	22.687	ng/ul	93
45) Dimethylphthalate	13.76	163	1312968	18.670	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	251609	22.787	ng/ul	97
48) Acenaphthylene	14.02	152	1645367	19.528	ng/ul	100
49) 3-Nitroaniline	14.20	138	251320	21.123	ng/ul#	93
50) Acenaphthene	14.36	153	1151146	19.620	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	110236	21.917	ng/ul	97
53) 4-Nitrophenol	14.51	109	193479	18.883	ng/ul	92
54) Dibenzofuran	14.70	168	1641396	19.707	ng/ul	99
55) 2,4-Dinitrotoluene	14.66	165	367871	22.777	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.93	232	347660	20.369	ng/ul	98
57) Diethylphthalate	15.14	149	1318059	18.351	ng/ul	100
59) Fluorene	15.35	166	1317265	19.276	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	692608	19.405	ng/ul	99
61) 4-Nitroaniline	15.36	138	290109	20.265	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.43	198	191266	21.756	ng/ul	96
65) N-Nitrosodiphenylamine	15.56	169	1159074	19.831	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	457905	20.028	ng/ul	98
67) Hexachlorobenzene	16.36	284	536649	20.697	ng/ul	99
68) Atrazine	16.52	200	407803	18.230	ng/ul	99
69) Pentachlorophenol	16.70	266	296182	20.393	ng/ul	97
70) Phenanthrene	17.09	178	2122012	19.966	ng/ul	99
72) Anthracene	17.17	178	2169467	19.753	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	577437	20.997	ng/uL	100
74) Pentachlorobenzene	14.62	250	601123	20.981	ng/uL	99
75) Carbazole	17.44	167	1925459	19.625	ng/ul	100
76) Di-n-butylphthalate	18.03	149	2166239	18.554	ng/ul	99
77) Fluoranthene	19.10	202	2521202	19.946	ng/ul	100
80) Pyrene	19.47	202	2591971	20.170	ng/ul	100
81) Butylbenzylphthalate	20.39	149	992365	22.203	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.16	252	982262	19.767	ng/ul	99
83) Benzo(a)anthracene	21.22	228	2715561	19.537	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1465677	20.623	ng/ul	100
85) Chrysene	21.27	228	2534928	19.641	ng/ul	100
87) Di-n-octyl phthalate	22.05	149	2494719	19.969	ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	2956947	20.140	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	2696020	19.124	ng/ul	99
91) Benzo(a)pyrene	23.34	252	2738733	19.443	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.65	276	3382320	20.184	ng/ul	100
93) Dibenzo(a,h)anthracene	25.66	278	2835732	20.239	ng/ul	99
94) Benzo(g,h,i)perylene	26.32	276	2785097	20.186	ng/ul	99

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

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