Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019644.D
Acq On : 31 Mar 2019 06:11
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02088

Manual Integrations APPROVED
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4/1/2019 5:51:02 PM

Quant Time: Apr 01 01:31:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 29 14:33:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	126870	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	557859	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	320366	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	713261	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	919543	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	1028563	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	22791	7.03	ng/uL	0.00
5) Phenol-d5	6.76	99	232386	20.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	149535	19.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	178890	20.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	178719	21.07	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	81703	20.53	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	92816	20.96	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.98	165	172492	20.64	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.51	131	214477	21.37	ng/ul	-0.01
44) Dimethylphthalate-d6	13.65	166	505906	19.57	ng/ul	-0.01
47) Acenaphthylene-d8	13.92	160	656267	20.30	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.47	143	80751	19.93	ng/ul	0.00
58) Fluorene-d10	15.23	176	445658	20.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	73132	15.50	ng/ul	0.00
71) Anthracene-d10	17.09	188	683646	19.97	ng/ul	0.00
79) Pyrene-d10	19.40	212	769243	18.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	1083458	19.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	26777	7.262	ng/uL	95
4) Benzaldehyde	6.74	77	175525	21.689	ng/ul	99
6) Phenol	6.78	94	245024	20.783	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.02	93	178390	19.779	ng/ul	97
10) 2-Chlorophenol	7.14	128	184865	21.238	ng/ul	99
11) 2-Methylphenol	8.02	108	175132	21.300	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.10	45	181011m	21.173	ng/ul	
14) Acetophenone	8.40	105	271233	19.639	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.38	70	158336	20.458	ng/ul#	86
16) 4-Methylphenol	8.35	108	186886	20.724	ng/ul	94
17) Hexachloroethane	8.62	117	71135	19.445	ng/ul#	80
20) Nitrobenzene	8.78	77	225445	19.032	ng/ul	100
21) Isophorone	9.30	82	408848	20.118	ng/ul	98
23) 2-Nitrophenol	9.49	139	101721	20.820	ng/ul	94
24) 2,4-Dimethylphenol	9.54	107	210060	19.786	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.79	93	240464	19.609	ng/ul	96
27) 2,4-Dichlorophenol	10.01	162	171430	20.759	ng/ul	95
28) Naphthalene	10.40	128	573337	19.839	ng/ul	99
30) 4-Chloroaniline	10.54	127	225717	21.363	ng/ul	97
31) Hexachlorobutadiene	10.66	225	97055	18.630	ng/ul	97
32) Caprolactam	11.35	113	50420	20.563	ng/ul	89
33) 4-Chloro-3-methylphenol	11.66	107	193101	21.693	ng/ul	97
34) 2-Methylnaphthalene	12.02	142	412982	20.394	ng/ul	100

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35) 1-Methylnaphthalene	12.25	142	386479	20.213	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	191684	18.803	ng/ul#	94
38) Hexachlorocyclopentadiene	12.35	237	41083	7.857	ng/ul#	96
39) 2,4,6-Trichlorophenol	12.65	196	128680	20.232	ng/ul	99
40) 2,4,5-Trichlorophenol	12.73	196	132267	19.391	ng/ul	98
41) 1,1'-Biphenyl	13.06	154	528752	19.378	ng/ul#	95
42) 2-Chloronaphthalene	13.10	162	411043	19.671	ng/ul	98
43) 2-Nitroaniline	13.33	65	124443	21.685	ng/ul	87
45) Dimethylphthalate	13.70	163	499798	19.270	ng/ul#	99
46) 2,6-Dinitrotoluene	13.83	165	100332	21.072	ng/ul#	88
48) Acenaphthylene	13.95	152	650076	20.292	ng/ul	100
49) 3-Nitroaniline	14.17	138	100380	21.545	ng/ul	95
50) Acenaphthene	14.30	153	444718	19.710	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	35923	13.030	ng/ul#	83
53) 4-Nitrophenol	14.49	109	64682	20.396	ng/ul#	78
54) Dibenzofuran	14.63	168	627603	19.919	ng/ul	100
55) 2,4-Dinitrotoluene	14.63	165	154372	21.895	ng/ul#	52
56) 2,3,4,6-Tetrachlorophenol	14.87	232	114701	19.962	ng/ul#	76
57) Diethylphthalate	15.07	149	513848	20.142	ng/ul	95
59) Fluorene	15.29	166	505493	20.245	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	235349	18.894	ng/ul#	88
61) 4-Nitroaniline	15.35	138	108970	21.426	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.40	198	76529	15.325	ng/ul#	85
65) N-Nitrosodiphenylamine	15.51	169	438026	19.739	ng/ul	100
66) 4-Bromophenyl-phenylether	16.19	248	144898	18.707	ng/ul	95
67) Hexachlorobenzene	16.29	284	176100	18.775	ng/ul#	88
68) Atrazine	16.47	200	146596	18.878	ng/ul	95
69) Pentachlorophenol	16.64	266	97490	19.886	ng/ul	97
70) Phenanthrene	17.03	178	796617	19.698	ng/ul	100
72) Anthracene	17.13	178	827390	20.054	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	183216	17.717	ng/uL	98
74) Pentachlorobenzene	14.55	250	195783	18.100	ng/uL	96
75) Carbazole	17.41	167	773103	20.894	ng/ul	99
76) Di-n-butylphthalate	17.96	149	891616	21.739	ng/ul	99
77) Fluoranthene	19.06	202	948790	20.474	ng/ul#	84
80) Pyrene	19.43	202	1002881	18.129	ng/ul#	80
81) Butylbenzylphthalate	20.34	149	468580	21.392	ng/ul#	90
82) 3,3'-Dichlorobenzidine	21.13	252	427140	21.383	ng/ul#	96
83) Benzo(a)anthracene	21.18	228	1120431	20.244	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	695063	21.893	ng/ul#	94
85) Chrysene	21.23	228	1049492	19.762	ng/ul	99
87) Di-n-octyl phthalate	21.97	149	1306823	20.369	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	1266000	20.207	ng/ul#	96
89) Benzo(k)fluoranthene	22.78	252	1193726	19.840	ng/ul#	96
91) Benzo(a)pyrene	23.30	252	1173282	19.589	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.61	276	1334846	17.798	ng/ul#	86
93) Dibenzo(a,h)anthracene	25.62	278	1154197	18.051	ng/ul#	95
94) Benzo(g,h,i)perylene	26.30	276	1062231	16.948	ng/ul#	92

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

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