Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032619\
Data File : BM019470.D
Acq On : 26 Mar 2019 15:01
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02073

Manual Integrations APPROVED
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Quant Time: Mar 27 03:46:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 27 03:30:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	150250	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	615487	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	331282	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	687900	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	717980	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	775332	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	27146	7.07	ng/uL	0.00
5) Phenol-d5	6.78	99	239553	17.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	152678	17.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	195037	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	181233	18.05	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	83592	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	95062	19.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	180881	19.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	212326	19.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	485000	18.14	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	643294	19.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	62383	14.89	ng/ul	0.00
58) Fluorene-d10	15.26	176	431951	18.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	74084	16.29	ng/ul	0.00
71) Anthracene-d10	17.12	188	615849	18.66	ng/ul	0.00
79) Pyrene-d10	19.42	212	631881	19.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	766543	18.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	30233	6.924	ng/uL#	85
4) Benzaldehyde	6.77	77	172467	17.995	ng/ul	97
6) Phenol	6.80	94	249560	17.874	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.05	93	189004	17.695	ng/ul	97
10) 2-Chlorophenol	7.16	128	195939	19.007	ng/ul	99
11) 2-Methylphenol	8.05	108	175748	18.049	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.13	45	169229	16.715	ng/ul#	76
14) Acetophenone	8.43	105	282961m	17.300	ng/ul	
15) N-Nitroso-di-n-propylamine	8.41	70	158851	17.331	ng/ul#	85
16) 4-Methylphenol	8.37	108	192892	18.062	ng/ul	96
17) Hexachloroethane	8.65	117	76701	17.704	ng/ul	88
20) Nitrobenzene	8.81	77	230033	17.601	ng/ul	100
21) Isophorone	9.33	82	395358	17.633	ng/ul	99
23) 2-Nitrophenol	9.52	139	101933	18.910	ng/ul	95
24) 2,4-Dimethylphenol	9.57	107	209535	17.889	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.81	93	250267	18.498	ng/ul	98
27) 2,4-Dichlorophenol	10.04	162	177569	19.489	ng/ul	97
28) Naphthalene	10.43	128	596168	18.698	ng/ul	99
30) 4-Chloroaniline	10.57	127	220966	18.955	ng/ul	97
31) Hexachlorobutadiene	10.69	225	111902	19.468	ng/ul	97
32) Caprolactam	11.38	113	46292m	17.112	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	181155	18.446	ng/ul	97
34) 2-Methylnaphthalene	12.05	142	414810	18.567	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.27	142	387440	18.366	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	213301	20.234	ng/ul#	94
38) Hexachlorocyclopentadiene	12.39	237	78284	14.478	ng/ul#	96
39) 2,4,6-Trichlorophenol	12.68	196	131873	20.051	ng/ul	96
40) 2,4,5-Trichlorophenol	12.76	196	136227	19.314	ng/ul	94
41) 1,1'-Biphenyl	13.08	154	530678	18.808	ng/ul#	96
42) 2-Chloronaphthalene	13.13	162	416781	19.288	ng/ul	99
43) 2-Nitroaniline	13.36	65	103291	17.406	ng/ul	94
45) Dimethylphthalate	13.73	163	488687	18.221	ng/ul	97
46) 2,6-Dinitrotoluene	13.86	165	93725	19.036	ng/ul	99
48) Acenaphthylene	13.98	152	626969	18.926	ng/ul	99
49) 3-Nitroaniline	14.20	138	87004	18.058	ng/ul	98
50) Acenaphthene	14.32	153	429124	18.393	ng/ul	100
51) 2,4-Dinitrophenol	14.42	184	36081	12.656	ng/ul#	84
53) 4-Nitrophenol	14.51	109	44835	13.672	ng/ul#	74
54) Dibenzofuran	14.66	168	610768	18.746	ng/ul	93
55) 2,4-Dinitrotoluene	14.66	165	137754	18.894	ng/ul#	70
56) 2,3,4,6-Tetrachlorophenol	14.89	232	114580	19.284	ng/ul#	85
57) Diethylphthalate	15.09	149	465131	17.632	ng/ul	98
59) Fluorene	15.32	166	484208	18.753	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.31	204	240559	18.676	ng/ul	94
61) 4-Nitroaniline	15.37	138	87171	16.575	ng/ul	85
64) 4,6-Dinitro-2-methylphenol	15.42	198	79391	16.484	ng/ul	92
65) N-Nitrosodiphenylamine	15.53	169	410074	19.161	ng/ul	98
66) 4-Bromophenyl-phenylether	16.21	248	144178	19.300	ng/ul	99
67) Hexachlorobenzene	16.31	284	170645	18.864	ng/ul	93
68) Atrazine	16.49	200	131402	17.545	ng/ul	97
69) Pentachlorophenol	16.67	266	78538	16.611	ng/ul	99
70) Phenanthrene	17.06	178	726015	18.614	ng/ul	100
72) Anthracene	17.15	178	741629	18.638	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	203258	20.380	ng/uL	99
74) Pentachlorobenzene	14.57	250	203414	19.499	ng/uL	96
75) Carbazole	17.43	167	624342	17.496	ng/ul	98
76) Di-n-butylphthalate	17.99	149	698291	17.653	ng/ul	99
77) Fluoranthene	19.09	202	784361	17.550	ng/ul#	89
80) Pyrene	19.45	202	822335	19.038	ng/ul#	84
81) Butylbenzylphthalate	20.36	149	301225	17.613	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.15	252	286289	18.355	ng/ul#	97
83) Benzo(a)anthracene	21.20	228	817751	18.923	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.13	149	430940	17.384	ng/ul	95
85) Chrysene	21.26	228	769240	18.551	ng/ul	99
87) Di-n-octyl phthalate	22.00	149	768479	15.890	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	870970	18.442	ng/ul#	97
89) Benzo(k)fluoranthene	22.81	252	851715	18.779	ng/ul#	97
91) Benzo(a)pyrene	23.34	252	848890	18.802	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.66	276	1065028	18.838	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.67	278	902479	18.724	ng/ul#	95
94) Benzo(g,h,i)perylene	26.35	276	891082	18.861	ng/ul#	94

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

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