Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019376.D
Acq On : 24 Mar 2019 05:36
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Manual Integrations APPROVED
Sohil
3/26/2019 6:25:54 PM

Quant Time: Mar 25 02:04:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 00:34:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	148778	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	635798	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.27	164	366255	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	817178	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	923600	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	988335	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	26281	6.92	ng/uL	0.00
5) Phenol-d5	6.79	99	251479	18.98	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	157013	17.70	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.14	132	194520	19.37	ng/ul	-0.01
13) 4-Methylphenol-d8	8.32	113	187722	18.88	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	86963	19.17	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	98919	19.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	190996	20.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	229216	20.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	565279	19.13	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	706957	19.13	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.50	143	84123	18.16	ng/ul	-0.01
58) Fluorene-d10	15.26	176	488310	19.18	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	91834	16.99	ng/ul	-0.01
71) Anthracene-d10	17.12	188	750567	19.14	ng/ul	-0.01
79) Pyrene-d10	19.43	212	800401	18.76	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	1008818	19.25	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	29670	6.862	ng/uL#	90
4) Benzaldehyde	6.77	77	179694	18.935	ng/ul	98
6) Phenol	6.82	94	256650	18.564	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.05	93	196372	18.567	ng/ul	99
10) 2-Chlorophenol	7.17	128	197749	19.373	ng/ul	99
11) 2-Methylphenol	8.06	108	182112	18.887	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	179846	17.939	ng/ul#	81
14) Acetophenone	8.44	105	296884	18.331	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.42	70	170602	18.797	ng/ul#	87
16) 4-Methylphenol	8.39	108	203466	19.240	ng/ul	92
17) Hexachloroethane	8.66	117	77666	18.104	ng/ul	85
20) Nitrobenzene	8.82	77	244621	18.119	ng/ul	98
21) Isophorone	9.33	82	434946	18.779	ng/ul	98
23) 2-Nitrophenol	9.52	139	108502	19.486	ng/ul	94
24) 2,4-Dimethylphenol	9.57	107	223156	18.443	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.82	93	265911	19.026	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	184989	19.655	ng/ul	96
28) Naphthalene	10.44	128	624870	18.972	ng/ul	99
30) 4-Chloroaniline	10.57	127	235529	19.559	ng/ul	97
31) Hexachlorobutadiene	10.70	225	112799	18.997	ng/ul	98
32) Caprolactam	11.40	113	54555m	19.522	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	200425	19.756	ng/ul	94
34) 2-Methylnaphthalene	12.06	142	442447	19.171	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	421529	19.344	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	218398	18.739	ng/ul#	96
38) Hexachlorocyclopentadiene	12.39	237	128185	21.442	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.69	196	143342	19.713	ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	150428	19.291	ng/ul	97
41) 1,1'-Biphenyl	13.09	154	577140	18.502	ng/ul#	95
42) 2-Chloronaphthalene	13.13	162	446272	18.681	ng/ul	100
43) 2-Nitroaniline	13.37	65	124507	18.978	ng/ul	93
45) Dimethylphthalate	13.73	163	565163	19.060	ng/ul#	98
46) 2,6-Dinitrotoluene	13.87	165	109684	20.150	ng/ul	96
48) Acenaphthylene	13.99	152	693785	18.943	ng/ul	99
49) 3-Nitroaniline	14.20	138	102766	19.293	ng/ul	94
50) Acenaphthene	14.33	153	481923	18.683	ng/ul	99
51) 2,4-Dinitrophenol	14.42	184	69245	21.970	ng/ul#	87
53) 4-Nitrophenol	14.52	109	65194	17.982	ng/ul#	73
54) Dibenzofuran	14.67	168	684843	19.012	ng/ul	96
55) 2,4-Dinitrotoluene	14.66	165	164196	20.370	ng/ul#	69
56) 2,3,4,6-Tetrachlorophenol	14.90	232	131211	19.974	ng/ul#	79
57) Diethylphthalate	15.10	149	553071	18.963	ng/ul	97
59) Fluorene	15.32	166	557338	19.524	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.32	204	271688	19.079	ng/ul	92
61) 4-Nitroaniline	15.37	138	111975	19.258	ng/ul#	82
64) 4,6-Dinitro-2-methylphenol	15.42	198	98708	17.253	ng/ul	92
65) N-Nitrosodiphenylamine	15.54	169	479506	18.861	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	168872	19.029	ng/ul	96
67) Hexachlorobenzene	16.32	284	201171	18.721	ng/ul	92
68) Atrazine	16.50	200	162574	18.273	ng/ul	96
69) Pentachlorophenol	16.67	266	128776	22.927	ng/ul	97
70) Phenanthrene	17.07	178	868470	18.744	ng/ul	100
72) Anthracene	17.16	178	885523	18.734	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	216260	18.254	ng/uL	98
74) Pentachlorobenzene	14.58	250	224374	18.106	ng/uL	97
75) Carbazole	17.44	167	784430	18.504	ng/ul	99
76) Di-n-butylphthalate	17.99	149	907837	19.320	ng/ul	99
77) Fluoranthene	19.09	202	992862	18.701	ng/ul#	88
80) Pyrene	19.46	202	1039885	18.715	ng/ul#	83
81) Butylbenzylphthalate	20.36	149	416469	18.930	ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.16	252	376219	18.751	ng/ul#	95
83) Benzo(a)anthracene	21.21	228	1055420	18.985	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	619883	19.439	ng/ul#	95
85) Chrysene	21.26	228	986488	18.494	ng/ul	99
87) Di-n-octyl phthalate	22.01	149	1096297	17.783	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	1119564	18.597	ng/ul#	97
89) Benzo(k)fluoranthene	22.82	252	1101800	19.058	ng/ul#	97
91) Benzo(a)pyrene	23.34	252	1092989	18.991	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.67	276	1353843	18.786	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.69	278	1152245	18.754	ng/ul#	96
94) Benzo(g,h,i)perylene	26.36	276	1129290	18.751	ng/ul#	93

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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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