Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016171.D
Acq On : 03 Aug 2018 09:12
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Manual Integrations APPROVED
Sohil
8/6/2018 12:49:43 PM

Quant Time: Aug 04 01:00:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 03 13:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	47793	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	216407	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	111474	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	208422	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	167900	20.00	ng/ul	0.00
85) Perylene-d12	24.02	264	167997	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	10389	9.57	ng/uL	0.00
5) Phenol-d5	7.35	99	78561	17.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	51936	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	73285	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	65126	17.41	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	32574	20.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	37266	21.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	68692	20.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	88043	21.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	199508	19.63	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	237293	20.47	ng/ul	0.00
51) 4-Nitrophenol-d4	15.03	143	21755	12.35	ng/ul	0.00
57) Fluorene-d10	15.80	176	155746	18.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	23128	16.63	ng/ul	0.00
70) Anthracene-d10	17.64	188	204893	19.20	ng/ul	0.00
78) Pyrene-d10	19.91	212	184149	23.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.87	264	177370	19.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	10485	9.901	ng/uL#	80
4) Benzaldehyde	7.33	77	61989	22.082	ng/ul	88
6) Phenol	7.37	94	80613	18.382	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.60	93	61743	19.065	ng/ul#	87
10) 2-Chlorophenol	7.75	128	71324	20.249	ng/ul	93
11) 2-Methylphenol	8.64	108	61516	18.238	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.72	45	90999	17.691	ng/ul#	92
14) Acetophenone	9.03	105	110937	17.851	ng/ul#	76
15) N-Nitroso-di-n-propylamine	9.00	70	57361	18.450	ng/ul#	69
16) 4-Methylphenol	8.97	108	66801	17.933	ng/ul	96
17) Hexachloroethane	9.26	117	37138	23.427	ng/ul#	81
20) Nitrobenzene	9.42	77	91963	20.938	ng/ul#	90
21) Isophorone	9.93	82	148869	19.426	ng/ul#	96
23) 2-Nitrophenol	10.13	139	39727	20.952	ng/ul#	61
24) 2,4-Dimethylphenol	10.17	107	88144	20.326	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.41	93	84392	18.927	ng/ul	99
27) 2,4-Dichlorophenol	10.66	162	64843	19.356	ng/ul	98
28) Naphthalene	11.06	128	223460	19.484	ng/ul	99
30) 4-Chloroaniline	11.17	127	85563	20.614	ng/ul	99
31) Hexachlorobutadiene	11.31	225	50708	21.547	ng/ul	97
32) Caprolactam	11.97	113	16534	14.642	ng/ul#	73
33) 4-Chloro-3-methylphenol	12.29	107	71377	18.147	ng/ul	94
34) 2-Methylnaphthalene	12.65	142	155241	18.243	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.02	216	77646	22.442 ng/ul#	95
37) Hexachlorocyclopentadiene	12.97	237	24759	15.094 ng/ul	96
38) 2,4,6-Trichlorophenol	13.26	196	49221	22.033 ng/ul	99
39) 2,4,5-Trichlorophenol	13.34	196	49742	20.958 ng/ul	99
40) 1,1'-Biphenyl	13.65	154	199027	21.084 ng/ul	98
41) 2-Chloronaphthalene	13.70	162	151520	20.796 ng/ul	97
42) 2-Nitroaniline	13.92	65	47923	20.555 ng/ul#	73
44) Dimethylphthalate	14.27	163	190118	18.894 ng/ul	98
45) 2,6-Dinitrotoluene	14.41	165	35072	19.506 ng/ul#	60
47) Acenaphthylene	14.54	152	230770	20.333 ng/ul	98
48) 3-Nitroaniline	14.74	138	34330	18.543 ng/ul#	91
49) Acenaphthene	14.88	153	163221	19.801 ng/ul	97
50) 2,4-Dinitrophenol	14.97	184	12331	12.411 ng/ul#	1
52) 4-Nitrophenol	15.05	109	33944	16.172 ng/ul#	69
53) Dibenzofuran	15.21	168	213007	18.107 ng/ul#	82
54) 2,4-Dinitrotoluene	15.20	165	49372	17.109 ng/ul#	22
55) 2,3,4,6-Tetrachlorophenol	15.44	232	38031	17.590 ng/ul#	80
56) Diethylphthalate	15.62	149	198151	18.117 ng/ul	97
58) Fluorene	15.86	166	172777	18.128 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.84	204	86997	18.316 ng/ul	90
60) 4-Nitroaniline	15.90	138	29657	14.604 ng/ul#	42
63) 4,6-Dinitro-2-methylphenol	15.96	198	23496	16.494 ng/ul#	70
64) N-Nitrosodiphenylamine	16.06	169	142166	22.021 ng/ul	97
65) 4-Bromophenyl-phenylether	16.73	248	47778	21.271 ng/ul#	89
66) Hexachlorobenzene	16.85	284	49273	19.647 ng/ul#	81
67) Atrazine	17.00	200	51925	20.153 ng/ul	94
68) Pentachlorophenol	17.20	266	22866	16.960 ng/ul	94
69) Phenanthrene	17.59	178	239582	19.442 ng/ul	100
71) Anthracene	17.68	178	240872	18.958 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.62	216	78160	26.807 ng/uL	99
73) Pentachlorobenzene	15.13	250	66360	23.263 ng/uL	99
74) Carbazole	17.95	167	198877	17.271 ng/ul#	96
75) Di-n-butylphthalate	18.47	149	299910	20.385 ng/ul#	96
76) Fluoranthene	19.58	202	237142	15.334 ng/ul#	94
79) Pyrene	19.94	202	234124	23.654 ng/ul#	94
80) Butylbenzylphthalate	20.79	149	124552	26.157 ng/ul#	77
81) 3,3'-Dichlorobenzidine	21.58	252	72457	19.618 ng/ul	97
82) Benzo(a)anthracene	21.65	228	217586	20.044 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	176413	25.264 ng/ul	93
84) Chrysene	21.70	228	202260	19.919 ng/ul	99
86) Di-n-octyl phthalate	22.44	149	285680	21.711 ng/ul#	82
87) Benzo(b)fluoranthene	23.31	252	206856m	19.195 ng/ul	
88) Benzo(k)fluoranthene	23.36	252	195529	18.981 ng/ul	98
90) Benzo(a)pyrene	23.92	252	196341	18.949 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.43	276	237220	18.620 ng/ul#	92
92) Dibenzo(a,h)anthracene	26.43	278	199524	18.494 ng/ul#	95
93) Benzo(g,h,i)perylene	27.17	276	189655	18.618 ng/ul#	93

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

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