Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016191.D
Acq On : 03 Aug 2018 22:12
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Manual Integrations APPROVED
Sohil
8/6/2018 12:50:01 PM

Quant Time: Aug 04 02:47:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 04 02:12:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	44579	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	188084	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	94564	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	177756m	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	169907	20.00	ng/ul	0.00
85) Perylene-d12	24.02	264	176000	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	8912	8.80	ng/uL	0.00
5) Phenol-d5	7.35	99	69187	16.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	46429	18.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	64805	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	57412	16.46	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	28607	21.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	31623	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	59076	19.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	74216	20.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	167206	19.40	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	202661	20.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	19044	12.75	ng/ul	0.00
57) Fluorene-d10	15.80	176	131958	18.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	19102	16.10	ng/ul	0.00
70) Anthracene-d10	17.64	188	177309	19.48	ng/ul	0.00
78) Pyrene-d10	19.91	212	171274	21.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.87	264	188537	19.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	8867	8.977	ng/uL#	82
4) Benzaldehyde	7.33	77	53136	20.293	ng/ul	83
6) Phenol	7.37	94	69393	16.964	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.60	93	53834	17.821	ng/ul#	85
10) 2-Chlorophenol	7.75	128	63544	19.341	ng/ul#	85
11) 2-Methylphenol	8.64	108	51962	16.516	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.72	45	81733	17.035	ng/ul#	92
14) Acetophenone	9.03	105	97297	16.784	ng/ul#	77
15) N-Nitroso-di-n-propylamine	9.00	70	48944	16.878	ng/ul#	63
16) 4-Methylphenol	8.97	108	56753	16.334	ng/ul	93
17) Hexachloroethane	9.26	117	32917	22.262	ng/ul#	81
20) Nitrobenzene	9.42	77	81224	21.278	ng/ul#	85
21) Isophorone	9.93	82	125469	18.838	ng/ul#	98
23) 2-Nitrophenol	10.13	139	34488	20.928	ng/ul#	61
24) 2,4-Dimethylphenol	10.17	107	76014	20.168	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.41	93	72979	18.832	ng/ul	99
27) 2,4-Dichlorophenol	10.66	162	56878	19.535	ng/ul	95
28) Naphthalene	11.06	128	194932	19.556	ng/ul	99
30) 4-Chloroaniline	11.17	127	74562	20.668	ng/ul	98
31) Hexachlorobutadiene	11.31	225	43097	21.071	ng/ul	99
32) Caprolactam	11.97	113	13914	14.178	ng/ul#	69
33) 4-Chloro-3-methylphenol	12.29	107	59284	17.342	ng/ul	94
34) 2-Methylnaphthalene	12.65	142	134431	18.176	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.02	216	65112	22.185 ng/ul#	94
37) Hexachlorocyclopentadiene	12.97	237	18342	13.182 ng/ul	96
38) 2,4,6-Trichlorophenol	13.26	196	41567	21.934 ng/ul	99
39) 2,4,5-Trichlorophenol	13.34	196	42641	21.179 ng/ul	97
40) 1,1'-Biphenyl	13.65	154	171423	21.407 ng/ul	97
41) 2-Chloronaphthalene	13.70	162	131490	21.274 ng/ul	97
42) 2-Nitroaniline	13.92	65	39046	19.742 ng/ul#	77
44) Dimethylphthalate	14.27	163	164900	19.318 ng/ul	99
45) 2,6-Dinitrotoluene	14.41	165	29612	19.414 ng/ul#	63
47) Acenaphthylene	14.54	152	197128	20.474 ng/ul	98
48) 3-Nitroaniline	14.74	138	27082	17.244 ng/ul	93
49) Acenaphthene	14.88	153	140855	20.143 ng/ul	98
50) 2,4-Dinitrophenol	14.97	184	9781	11.605 ng/ul#	1
52) 4-Nitrophenol	15.05	109	27106	15.224 ng/ul#	66
53) Dibenzofuran	15.21	168	189439	18.984 ng/ul#	83
54) 2,4-Dinitrotoluene	15.20	165	42975	17.555 ng/ul#	21
55) 2,3,4,6-Tetrachlorophenol	15.44	232	32009	17.453 ng/ul#	78
56) Diethylphthalate	15.62	149	175753	18.943 ng/ul	96
58) Fluorene	15.86	166	145256	17.966 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.84	204	73994	18.365 ng/ul	87
60) 4-Nitroaniline	15.90	138	25163	14.607 ng/ul#	53
63) 4,6-Dinitro-2-methylphenol	15.96	198	19615	16.145 ng/ul#	67
64) N-Nitrosodiphenylamine	16.06	169	119682	21.736 ng/ul	97
65) 4-Bromophenyl-phenylether	16.73	248	40522	21.153 ng/ul	92
66) Hexachlorobenzene	16.85	284	42400	19.823 ng/ul#	86
67) Atrazine	17.00	200	44331	20.174 ng/ul	97
68) Pentachlorophenol	17.20	266	18853	16.396 ng/ul	86
69) Phenanthrene	17.59	178	202375m	19.256 ng/ul	
71) Anthracene	17.68	178	212794	19.637 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.62	216	67376	27.095 ng/uL	99
73) Pentachlorobenzene	15.13	250	56172	23.089 ng/uL	98
74) Carbazole	17.95	167	174569	17.775 ng/ul	97
75) Di-n-butylphthalate	18.47	149	251897	20.076 ng/ul#	96
76) Fluoranthene	19.57	202	212689	16.125 ng/ul#	94
79) Pyrene	19.93	202	218708	21.835 ng/ul#	94
80) Butylbenzylphthalate	20.79	149	112537	23.354 ng/ul#	83
81) 3,3'-Dichlorobenzidine	21.58	252	76005	20.336 ng/ul	98
82) Benzo(a)anthracene	21.65	228	219802	20.009 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.54	149	162373	22.978 ng/ul#	94
84) Chrysene	21.70	228	200852	19.547 ng/ul	98
86) Di-n-octyl phthalate	22.44	149	274046	19.880 ng/ul#	82
87) Benzo(b)fluoranthene	23.31	252	222468m	19.705 ng/ul	
88) Benzo(k)fluoranthene	23.36	252	205063	19.001 ng/ul	98
90) Benzo(a)pyrene	23.92	252	209859	19.333 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.43	276	258503	19.368 ng/ul#	93
92) Dibenzo(a,h)anthracene	26.43	278	215368	19.055 ng/ul#	96
93) Benzo(g,h,i)perylene	27.17	276	208624	19.549 ng/ul	96

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

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