Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016182.D
Acq On : 03 Aug 2018 16:31
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Manual Integrations APPROVED
Sohil
8/6/2018 12:49:52 PM

Quant Time: Aug 04 02:07:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 04 01:03:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	51301	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	207038	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	103065	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	192127	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	192453	20.00	ng/ul	0.00
85) Perylene-d12	24.02	264	203090	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	9882	8.48	ng/uL	0.00
5) Phenol-d5	7.35	99	78591	16.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	52526	17.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	73321	19.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	64746	16.13	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	31660	21.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	36951	21.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	64963	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	80645	20.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	178975	19.05	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	218626	20.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	22766	13.98	ng/ul	0.00
57) Fluorene-d10	15.80	176	141833	17.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	20099	15.67	ng/ul	0.00
70) Anthracene-d10	17.64	188	193693m	19.69	ng/ul	0.00
78) Pyrene-d10	19.91	212	192075	21.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.87	264	217146	19.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	9394	8.265	ng/uL#	80
4) Benzaldehyde	7.33	77	58059	19.268	ng/ul	91
6) Phenol	7.38	94	78431	16.661	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.60	93	61068	17.567	ng/ul#	83
10) 2-Chlorophenol	7.75	128	73230	19.369	ng/ul	93
11) 2-Methylphenol	8.64	108	59668	16.480	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.70	45	96387m	17.457	ng/ul	
14) Acetophenone	9.03	105	108006	16.191	ng/ul#	76
15) N-Nitroso-di-n-propylamine	9.00	70	55880	16.745	ng/ul#	63
16) 4-Methylphenol	8.97	108	63844	15.967	ng/ul	98
17) Hexachloroethane	9.26	117	36997	21.742	ng/ul	87
20) Nitrobenzene	9.42	77	89857	21.384	ng/ul#	87
21) Isophorone	9.93	82	143809	19.615	ng/ul#	95
23) 2-Nitrophenol	10.13	139	38210	21.064	ng/ul#	70
24) 2,4-Dimethylphenol	10.17	107	81946	19.752	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.41	93	79595	18.659	ng/ul	99
27) 2,4-Dichlorophenol	10.66	162	64802	20.219	ng/ul	98
28) Naphthalene	11.06	128	214029	19.506	ng/ul	98
30) 4-Chloroaniline	11.18	127	80096	20.170	ng/ul	99
31) Hexachlorobutadiene	11.32	225	48959	21.745	ng/ul	97
32) Caprolactam	11.97	113	16131m	14.932	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	63958	16.996	ng/ul	98
34) 2-Methylnaphthalene	12.65	142	147314	18.095	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.02	216	72087	22.535 ng/ul#	96
37) Hexachlorocyclopentadiene	12.97	237	21760	14.348 ng/ul#	91
38) 2,4,6-Trichlorophenol	13.26	196	44858	21.718 ng/ul	97
39) 2,4,5-Trichlorophenol	13.34	196	44697	20.369 ng/ul	93
40) 1,1'-Biphenyl	13.65	154	182727	20.936 ng/ul	98
41) 2-Chloronaphthalene	13.70	162	142587	21.167 ng/ul	98
42) 2-Nitroaniline	13.92	65	43806	20.322 ng/ul#	72
44) Dimethylphthalate	14.27	163	175780	18.894 ng/ul	99
45) 2,6-Dinitrotoluene	14.41	165	32855	19.764 ng/ul#	70
47) Acenaphthylene	14.55	152	211257	20.132 ng/ul	99
48) 3-Nitroaniline	14.75	138	31573	18.445 ng/ul	87
49) Acenaphthene	14.88	153	147547	19.360 ng/ul	97
50) 2,4-Dinitrophenol	14.97	184	10059	10.950 ng/ul#	1
52) 4-Nitrophenol	15.06	109	30768	15.855 ng/ul#	71
53) Dibenzofuran	15.22	168	200002	18.389 ng/ul#	86
54) 2,4-Dinitrotoluene	15.20	165	46842	17.556 ng/ul#	26
55) 2,3,4,6-Tetrachlorophenol	15.45	232	35744	17.881 ng/ul#	84
56) Diethylphthalate	15.62	149	182585	18.056 ng/ul	97
58) Fluorene	15.86	166	155068	17.598 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.85	204	78930	17.974 ng/ul	96
60) 4-Nitroaniline	15.90	138	28705	15.288 ng/ul#	44
63) 4,6-Dinitro-2-methylphenol	15.96	198	20561	15.658 ng/ul#	75
64) N-Nitrosodiphenylamine	16.06	169	127559	21.434 ng/ul	98
65) 4-Bromophenyl-phenylether	16.73	248	44521	21.502 ng/ul	91
66) Hexachlorobenzene	16.85	284	47057	20.355 ng/ul#	78
67) Atrazine	17.00	200	47832	20.139 ng/ul	96
68) Pentachlorophenol	17.20	266	21961	17.671 ng/ul	97
69) Phenanthrene	17.59	178	217721	19.167 ng/ul	99
71) Anthracene	17.68	178	227097	19.390 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.62	216	73637	27.397 ng/uL	98
73) Pentachlorobenzene	15.13	250	61662	23.450 ng/uL	98
74) Carbazole	17.96	167	192774	18.161 ng/ul	97
75) Di-n-butylphthalate	18.47	149	285083	21.021 ng/ul#	97
76) Fluoranthene	19.58	202	239282	16.785 ng/ul#	93
79) Pyrene	19.94	202	242762	21.397 ng/ul#	91
80) Butylbenzylphthalate	20.79	149	133483	24.456 ng/ul#	80
81) 3,3'-Dichlorobenzidine	21.58	252	85179	20.121 ng/ul	98
82) Benzo(a)anthracene	21.65	228	247879	19.922 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	194880	24.348 ng/ul	92
84) Chrysene	21.70	228	226359	19.448 ng/ul	100
86) Di-n-octyl phthalate	22.44	149	332248	20.887 ng/ul#	81
87) Benzo(b)fluoranthene	23.31	252	246765	18.942 ng/ul	98
88) Benzo(k)fluoranthene	23.36	252	234797	18.854 ng/ul	98
90) Benzo(a)pyrene	23.92	252	235889	18.832 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.43	276	293572	19.062 ng/ul#	94
92) Dibenzo(a,h)anthracene	26.43	278	245761	18.844 ng/ul#	96
93) Benzo(g,h,i)perylene	27.17	276	238271	19.349 ng/ul#	94

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

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