Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015945.D
Acq On : 13 Jul 2018 15:58
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02036

Quant Time: Jul 13 18:56:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 13 15:16:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	55117	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	272137	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.89	164	173465	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	407034	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	503349	20.00	ng/ul	0.00
85) Perylene-d12	24.13	264	527652	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	10165	8.12	ng/uL	0.00
5) Phenol-d5	7.42	99	93363	18.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	60151	18.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	78723	19.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	79994	18.54	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	38513	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	43891	19.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	84709	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	114483	21.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	295752	18.70	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	344543	19.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	48875	17.84	ng/ul	0.00
57) Fluorene-d10	15.87	176	245667	18.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.01	200	45925	16.91	ng/ul	0.00
70) Anthracene-d10	17.72	188	387199	18.58	ng/ul	0.00
78) Pyrene-d10	19.97	212	441479	18.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.97	264	548706	18.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	9998	8.187	ng/uL	88
4) Benzaldehyde	7.40	77	66742	20.616	ng/ul	85
6) Phenol	7.45	94	93723	18.531	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.68	93	71669	19.189	ng/ul#	85
10) 2-Chlorophenol	7.82	128	77657	19.118	ng/ul#	90
11) 2-Methylphenol	8.71	108	71965	18.501	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.79	45	114779	19.349	ng/ul#	90
14) Acetophenone	9.10	105	134215	18.726	ng/ul#	80
15) N-Nitroso-di-n-propylamine	9.07	70	70969	19.794	ng/ul#	65
16) 4-Methylphenol	9.05	108	80483	18.735	ng/ul	96
17) Hexachloroethane	9.35	117	35338	19.330	ng/ul	89
20) Nitrobenzene	9.49	77	107448	19.454	ng/ul#	87
21) Isophorone	10.01	82	185966	19.298	ng/ul	95
23) 2-Nitrophenol	10.21	139	47695	20.003	ng/ul#	78
24) 2,4-Dimethylphenol	10.25	107	107377	19.690	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.49	93	108088	19.277	ng/ul	99
27) 2,4-Dichlorophenol	10.74	162	83106	19.727	ng/ul	97
28) Naphthalene	11.14	128	273633	18.972	ng/ul	99
30) 4-Chloroaniline	11.26	127	111176	21.299	ng/ul	99
31) Hexachlorobutadiene	11.40	225	55939	18.902	ng/ul	98
32) Caprolactam	12.05	113	25526	17.976	ng/ul#	60
33) 4-Chloro-3-methylphenol	12.36	107	96238	19.457	ng/ul	100
34) 2-Methylnaphthalene	12.73	142	202843	18.955	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.09	216	101923	18.931 ng/ul#	97
37) Hexachlorocyclopentadiene	13.05	237	40038	15.686 ng/ul	95
38) 2,4,6-Trichlorophenol	13.34	196	68716	19.767 ng/ul	97
39) 2,4,5-Trichlorophenol	13.42	196	69346	18.776 ng/ul	99
40) 1,1'-Biphenyl	13.73	154	272422	18.545 ng/ul	99
41) 2-Chloronaphthalene	13.77	162	209078	18.441 ng/ul	99
42) 2-Nitroaniline	13.99	65	69662	19.201 ng/ul#	74
44) Dimethylphthalate	14.34	163	294014	18.777 ng/ul	100
45) 2,6-Dinitrotoluene	14.47	165	55165	19.717 ng/ul#	70
47) Acenaphthylene	14.62	152	334013	18.912 ng/ul	100
48) 3-Nitroaniline	14.81	138	54418	18.889 ng/ul	91
49) Acenaphthene	14.95	153	239213	18.649 ng/ul	99
50) 2,4-Dinitrophenol	15.03	184	24965	16.147 ng/ul#	1
52) 4-Nitrophenol	15.11	109	58895	18.032 ng/ul#	78
53) Dibenzofuran	15.29	168	335923	18.351 ng/ul	91
54) 2,4-Dinitrotoluene	15.26	165	85310	18.998 ng/ul#	52
55) 2,3,4,6-Tetrachlorophenol	15.51	232	63800	18.964 ng/ul#	89
56) Diethylphthalate	15.69	149	316258	18.582 ng/ul	98
58) Fluorene	15.93	166	274425	18.503 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.91	204	136400	18.455 ng/ul	90
60) 4-Nitroaniline	15.97	138	54727	17.318 ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	16.02	198	49656	17.849 ng/ul#	77
64) N-Nitrosodiphenylamine	16.13	169	232975	18.478 ng/ul	96
65) 4-Bromophenyl-phenylether	16.80	248	81688	18.622 ng/ul	96
66) Hexachlorobenzene	16.92	284	92276	18.841 ng/ul	92
67) Atrazine	17.06	200	94524	18.785 ng/ul	96
68) Pentachlorophenol	17.27	266	45939	17.448 ng/ul	98
69) Phenanthrene	17.66	178	447474	18.594 ng/ul	99
71) Anthracene	17.75	178	459516	18.519 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.70	216	105768	18.575 ng/uL	99
73) Pentachlorobenzene	15.20	250	104261	18.715 ng/uL	99
74) Carbazole	18.02	167	409052	18.190 ng/ul	98
75) Di-n-butylphthalate	18.54	149	546868	19.034 ng/ul#	97
76) Fluoranthene	19.64	202	536372	17.759 ng/ul#	95
79) Pyrene	20.00	202	558211	18.812 ng/ul	95
80) Butylbenzylphthalate	20.86	149	268592	18.815 ng/ul	88
81) 3,3'-Dichlorobenzidine	21.64	252	213021	19.239 ng/ul	98
82) Benzo(a)anthracene	21.72	228	608585	18.701 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.60	149	400547	19.134 ng/ul	96
84) Chrysene	21.77	228	564648	18.549 ng/ul	99
86) Di-n-octyl phthalate	22.52	149	707278	17.114 ng/ul#	86
87) Benzo(b)fluoranthene	23.40	252	624369	18.447 ng/ul	98
88) Benzo(k)fluoranthene	23.44	252	607599	18.779 ng/ul	98
90) Benzo(a)pyrene	24.02	252	606693	18.642 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.58	276	738275	18.450 ng/ul#	93
92) Dibenzo(a,h)anthracene	26.58	278	619091	18.270 ng/ul	96
93) Benzo(g,h,i)perylene	27.33	276	592383	18.515 ng/ul#	93

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

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