Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA M\DATA\BM070916\
Data File : BM006354.D
Acq On : 08 Jul 2016 17:29
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02048

Quant Time: Jul 08 18:00:26 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 05 17:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	189314	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	843226	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	469573	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	967869	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	839177	20.00	ng/ul	0.00
83) Perylene-d12	23.45	264	863534	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	35405	8.00	ng/uL	0.00
5) Phenol-d5	6.82	99	347089	19.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	211040	20.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	267521	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	276724	19.29	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	131680	19.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	144674	19.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	274035	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	315805	22.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	771621	19.69	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	985801	20.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	115289	15.52	ng/ul	0.00
57) Fluorene-d10	15.29	176	651162	19.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	93674	16.52	ng/ul	0.00
70) Anthracene-d10	17.14	188	920522	19.93	ng/ul	0.00
76) Pyrene-d10	19.44	212	901948	22.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.31	264	824827	20.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	36803	7.59	ng/uL#	24
4) Benzaldehyde	6.79	77	232523	22.67	ng/ul	97
6) Phenol	6.85	94	364874	19.81	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.07	93	279659	20.55	ng/ul	99
10) 2-Chlorophenol	7.20	128	281048	20.01	ng/ul	99
11) 2-Methylphenol	8.09	108	279557	19.81	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	430900	21.20	ng/ul	99
14) Acetophenone	8.46	105	442099	20.22	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.45	70	232078	18.58	ng/ul	97
16) 4-Methylphenol	8.42	108	303263	19.80	ng/ul	96
17) Hexachloroethane	8.70	117	112911	19.63	ng/ul	96
20) Nitrobenzene	8.83	77	345798	19.79	ng/ul	99
21) Isophorone	9.35	82	630052	18.92	ng/ul	100
23) 2-Nitrophenol	9.54	139	158926	19.37	ng/ul	98
24) 2,4-Dimethylphenol	9.61	107	341078	19.67	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.84	93	385362	19.37	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	273873	20.05	ng/ul	100
28) Naphthalene	10.47	128	873755	20.14	ng/ul	99
30) 4-Chloroaniline	10.59	127	330075	22.15	ng/ul	99
31) Hexachlorobutadiene	10.75	225	175433	20.55	ng/ul	96
32) Caprolactam	11.34	113	82756	15.30	ng/ul	96
33) 4-Chloro-3-methylphenol	11.72	107	309815	18.59	ng/ul	94
34) 2-Methylnaphthalene	12.09	142	643778	19.55	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	341542	21.88	ng/ul	99
37) Hexachlorocyclopentadiene	12.44	237	143121	16.12	ng/ul	97
38) 2,4,6-Trichlorophenol	12.72	196	225688	20.46	ng/ul	100
39) 2,4,5-Trichlorophenol	12.79	196	232890	20.22	ng/ul	98
40) 1,1'-Biphenyl	13.12	154	832066	21.49	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	647695	21.46	ng/ul	99
42) 2-Nitroaniline	13.37	65	215338	18.70	ng/ul	99
44) Dimethylphthalate	13.75	163	772267	19.60	ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	159926	18.73	ng/ul	100
47) Acenaphthylene	14.01	152	1022693	20.08	ng/ul	100
48) 3-Nitroaniline	14.20	138	157473	20.19	ng/ul	98
49) Acenaphthene	14.36	153	654897	20.24	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	56766	11.94	ng/ul	98
52) 4-Nitrophenol	14.53	109	115269	15.44	ng/ul	95
53) Dibenzofuran	14.69	168	928014	20.09	ng/ul	98
54) 2,4-Dinitrotoluene	14.67	165	219310	18.19	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.92	232	190947	18.38	ng/ul	96
56) Diethylphthalate	15.12	149	783701	19.06	ng/ul	99
58) Fluorene	15.34	166	713347	19.27	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.34	204	358121	19.70	ng/ul	99
60) 4-Nitroaniline	15.37	138	165320	17.97	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.43	198	104257	17.11	ng/ul	99
64) N-Nitrosodiphenylamine	15.56	169	634390	21.69	ng/ul	100
65) 4-Bromophenyl-phenylether	16.23	248	231174	21.34	ng/ul	97
66) Hexachlorobenzene	16.35	284	254884	21.31	ng/ul	97
67) Atrazine	16.51	200	221939	20.54	ng/ul	99
68) Pentachlorophenol	16.70	266	109982	17.30	ng/ul	97
69) Phenanthrene	17.08	178	1094002	20.27	ng/ul	99
71) Anthracene	17.17	178	1114834	19.99	ng/ul	99
72) Carbazole	17.44	167	945287	20.22	ng/ul	99
73) Di-n-butylphthalate	18.01	149	1237770	19.27	ng/ul	99
74) Fluoranthene	19.10	202	1169213	19.46	ng/ul	99
77) Pyrene	19.47	202	1196503	22.74	ng/ul	98
78) Butylbenzylphthalate	20.38	149	502644	20.90	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.16	252	339865	21.90	ng/ul	99
80) Benzo(a)anthracene	21.22	228	1061068	20.61	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.16	149	680416	21.10	ng/ul	99
82) Chrysene	21.27	228	973324	20.71	ng/ul	99
84) Di-n-octyl phthalate	22.03	149	1207213	23.53	ng/ul	99
85) Benzo(b)fluoranthene	22.79	252	1088894	21.30	ng/ul	99
86) Benzo(k)fluoranthene	22.83	252	1009705	21.22	ng/ul	100
88) Benzo(a)pyrene	23.36	252	1029479	20.80	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.66	276	1179976	20.84	ng/ul	99
90) Dibenzo(a,h)anthracene	25.67	278	986576	21.14	ng/ul	100
91) Benzo(g,h,i)perylene	26.34	276	1030555	21.10	ng/ul	99

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

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