Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
Data File : BM008138.D
Acq On : 01 Dec 2016 15:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02045

Manual Integrations APPROVED
sohil
12/2/2016 4:19:04 PM

Quant Time: Dec 02 03:11:19 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 02:31:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	174851	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	688525	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	420097	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	779629	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	923716	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	941880	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	29768	8.42	ng/uL	0.00
5) Phenol-d5	6.87	99	261005	20.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	159242	21.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	204352	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	200923	19.83	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	95506	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	104871	18.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	195602	19.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	203662	20.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	521702	19.27	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	659323	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	66943	16.00	ng/ul	0.00
57) Fluorene-d10	15.33	176	455461	19.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	77202	16.68	ng/ul	0.00
70) Anthracene-d10	17.19	188	669554	19.96	ng/ul	0.00
76) Pyrene-d10	19.49	212	732903	19.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	773602	19.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	33404	8.23	ng/uL#	90
4) Benzaldehyde	6.86	77	201128	21.32	ng/ul	97
6) Phenol	6.90	94	272109	20.33	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.13	93	213740	21.04	ng/ul	98
10) 2-Chlorophenol	7.26	128	208247	20.16	ng/ul	97
11) 2-Methylphenol	8.14	108	196841	19.84	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.23	45	252764	22.39	ng/ul	98
14) Acetophenone	8.52	105	322981	19.93	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	170771	20.08	ng/ul	96
16) 4-Methylphenol	8.47	108	211127	19.75	ng/ul	96
17) Hexachloroethane	8.75	117	92743	20.13	ng/ul	100
20) Nitrobenzene	8.90	77	246162	20.03	ng/ul	98
21) Isophorone	9.42	82	446367	19.71	ng/ul	99
23) 2-Nitrophenol	9.60	139	110572	19.28	ng/ul	98
24) 2,4-Dimethylphenol	9.66	107	243862	19.81	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	263970	20.08	ng/ul	97
27) 2,4-Dichlorophenol	10.13	162	198102	19.77	ng/ul	99
28) Naphthalene	10.52	128	645269	20.17	ng/ul	98
30) 4-Chloroaniline	10.65	127	211649	20.60	ng/ul	97
31) Hexachlorobutadiene	10.79	225	153446	19.32	ng/ul	97
32) Caprolactam	11.44	113	51163m	16.83	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	199805	18.56	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	450559	19.68	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	264458	20.27 ng/ul	98
37) Hexachlorocyclopentadiene	12.48	237	94110	14.57 ng/ul	98
38) 2,4,6-Trichlorophenol	12.76	196	149552	19.11 ng/ul	97
39) 2,4,5-Trichlorophenol	12.85	196	155289	18.74 ng/ul	97
40) 1,1'-Biphenyl	13.16	154	568878	20.09 ng/ul	98
41) 2-Chloronaphthalene	13.20	162	439058	20.29 ng/ul	100
42) 2-Nitroaniline	13.43	65	116126	18.80 ng/ul	98
44) Dimethylphthalate	13.80	163	513865	19.35 ng/ul	98
45) 2,6-Dinitrotoluene	13.93	165	100227	19.05 ng/ul	98
47) Acenaphthylene	14.05	152	667834	19.89 ng/ul	100
48) 3-Nitroaniline	14.26	138	91101	18.45 ng/ul	98
49) Acenaphthene	14.40	153	456626	19.92 ng/ul	97
50) 2,4-Dinitrophenol	14.49	184	45674	13.74 ng/ul	97
52) 4-Nitrophenol	14.58	109	62980	16.02 ng/ul	92
53) Dibenzofuran	14.73	168	649640	19.91 ng/ul	99
54) 2,4-Dinitrotoluene	14.73	165	142826	19.04 ng/ul#	100
55) 2,3,4,6-Tetrachlorophenol	14.97	232	138324	18.59 ng/ul	99
56) Diethylphthalate	15.16	149	502403	17.67 ng/ul	97
58) Fluorene	15.39	166	521195	19.68 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.38	204	272594	19.44 ng/ul	97
60) 4-Nitroaniline	15.43	138	83417	16.85 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.49	198	81946	17.21 ng/ul	97
64) N-Nitrosodiphenylamine	15.60	169	437174	20.09 ng/ul	100
65) 4-Bromophenyl-phenylether	16.27	248	168446	19.39 ng/ul	94
66) Hexachlorobenzene	16.39	284	190154	19.89 ng/ul	97
67) Atrazine	16.56	200	157960	18.53 ng/ul	99
68) Pentachlorophenol	16.74	266	92541	16.72 ng/ul	99
69) Phenanthrene	17.13	178	780133	20.01 ng/ul	99
71) Anthracene	17.22	178	803878	20.21 ng/ul	99
72) Carbazole	17.50	167	677364	19.61 ng/ul	100
73) Di-n-butylphthalate	18.05	149	776536	18.96 ng/ul	99
74) Fluoranthene	19.15	202	886356	19.58 ng/ul	98
77) Pyrene	19.52	202	927648	19.52 ng/ul	98
78) Butylbenzylphthalate	20.42	149	339550	18.55 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.20	252	326249	20.01 ng/ul	99
80) Benzo(a)anthracene	21.26	228	950888	19.95 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	507090	18.38 ng/ul	100
82) Chrysene	21.32	228	911113	20.24 ng/ul	99
84) Di-n-octyl phthalate	22.06	149	898849	18.54 ng/ul	98
85) Benzo(b)fluoranthene	22.84	252	990640	19.64 ng/ul	98
86) Benzo(k)fluoranthene	22.89	252	954320	20.07 ng/ul	99
88) Benzo(a)pyrene	23.42	252	962886	19.87 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.76	276	1187193	20.09 ng/ul	99
90) Dibenzo(a,h)anthracene	25.77	278	997514	20.01 ng/ul	100
91) Benzo(g,h,i)perylene	26.46	276	983350	20.01 ng/ul	98

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

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