Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008375.D
Acq On : 16 Dec 2016 14:54
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Manual Integrations APPROVED
UMANGI
12/20/2016 10:40:06 AM

Quant Time: Dec 17 02:13:23 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:34:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	120226	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	465088	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	305505	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	612170	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	784235	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	786181	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	20943	8.20	ng/uL	0.00
5) Phenol-d5	6.85	99	188172	20.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	110972	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	150437	21.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	149738	20.73	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	71128	21.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	81970	22.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	154659	22.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	178549	22.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	434330	21.39	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	537242	22.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	53632	17.93	ng/ul	0.00
57) Fluorene-d10	15.30	176	381014	21.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	65181	17.89	ng/ul	0.00
70) Anthracene-d10	17.16	188	583965	21.90	ng/ul	0.00
76) Pyrene-d10	19.46	212	679036	22.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	722153	21.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	24567	8.22	ng/uL#	97
4) Benzaldehyde	6.83	77	140120	22.70	ng/ul	90
6) Phenol	6.88	94	196869	20.33	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.10	93	149199	20.64	ng/ul	98
10) 2-Chlorophenol	7.23	128	152224	21.48	ng/ul	99
11) 2-Methylphenol	8.12	108	147164	20.76	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.19	45	167430	20.37	ng/ul	99
14) Acetophenone	8.49	105	241712	20.47	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	125544	20.68	ng/ul	98
16) 4-Methylphenol	8.45	108	157128	20.44	ng/ul	99
17) Hexachloroethane	8.72	117	68087	21.07	ng/ul	92
20) Nitrobenzene	8.87	77	180168	20.79	ng/ul	94
21) Isophorone	9.39	82	335569	21.54	ng/ul	99
23) 2-Nitrophenol	9.57	139	86130	22.61	ng/ul	93
24) 2,4-Dimethylphenol	9.63	107	183655	21.58	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.86	93	189586	21.43	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	148688	21.62	ng/ul	95
28) Naphthalene	10.49	128	476521	21.64	ng/ul	99
30) 4-Chloroaniline	10.62	127	181768	23.05	ng/ul	99
31) Hexachlorobutadiene	10.76	225	123085	22.02	ng/ul	98
32) Caprolactam	11.42	113	44536m	20.64	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	159641	21.45	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	344217	21.64	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	209951	21.95	ng/ul	99
37) Hexachlorocyclopentadiene	12.44	237	69049	17.87	ng/ul	96
38) 2,4,6-Trichlorophenol	12.74	196	122829	22.62	ng/ul	100
39) 2,4,5-Trichlorophenol	12.82	196	133150	22.48	ng/ul	99
40) 1,1'-Biphenyl	13.13	154	444036	21.79	ng/ul	98
41) 2-Chloronaphthalene	13.17	162	344493	22.05	ng/ul	99
42) 2-Nitroaniline	13.40	65	103235	22.33	ng/ul	95
44) Dimethylphthalate	13.77	163	429583	21.58	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	86492	22.31	ng/ul	98
47) Acenaphthylene	14.03	152	535480	21.93	ng/ul	99
48) 3-Nitroaniline	14.24	138	83496	21.61	ng/ul	94
49) Acenaphthene	14.37	153	366599	21.84	ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	45712	20.33	ng/ul	92
52) 4-Nitrophenol	14.57	109	46268	16.12	ng/ul	91
53) Dibenzofuran	14.71	168	531720	21.73	ng/ul	99
54) 2,4-Dinitrotoluene	14.71	165	126493	21.78	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.94	232	122328	22.36	ng/ul	95
56) Diethylphthalate	15.14	149	423457	21.39	ng/ul	99
58) Fluorene	15.36	166	430525	21.43	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	230165	21.55	ng/ul	98
60) 4-Nitroaniline	15.42	138	81203	21.84	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.48	198	66726	17.87	ng/ul	93
64) N-Nitrosodiphenylamine	15.57	169	366537	22.00	ng/ul	100
65) 4-Bromophenyl-phenylether	16.25	248	147595	21.96	ng/ul	98
66) Hexachlorobenzene	16.37	284	167388	21.98	ng/ul	97
67) Atrazine	16.53	200	143375	21.00	ng/ul	100
68) Pentachlorophenol	16.73	266	85993	20.87	ng/ul	97
69) Phenanthrene	17.10	178	684881	21.83	ng/ul	99
71) Anthracene	17.19	178	696114	21.86	ng/ul	99
72) Carbazole	17.47	167	598063	21.33	ng/ul	99
73) Di-n-butylphthalate	18.03	149	691896	22.06	ng/ul	100
74) Fluoranthene	19.13	202	820799	21.30	ng/ul	99
77) Pyrene	19.49	202	850619	22.09	ng/ul	100
78) Butylbenzylphthalate	20.39	149	321525	23.28	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.18	252	307551	22.38	ng/ul	98
80) Benzo(a)anthracene	21.24	228	883270	21.79	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.16	149	480213	23.74	ng/ul	98
82) Chrysene	21.30	228	836632	21.46	ng/ul	99
84) Di-n-octyl phthalate	22.03	149	843657	22.37	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	899829	21.20	ng/ul	100
86) Benzo(k)fluoranthene	22.86	252	911537	22.45	ng/ul	100
88) Benzo(a)pyrene	23.39	252	886497	21.68	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	1073827	21.63	ng/ul	99
90) Dibenzo(a,h)anthracene	25.73	278	900805	21.61	ng/ul	99
91) Benzo(g,h,i)perylene	26.41	276	899142	21.65	ng/ul	99

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

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