Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013237.D
Acq On : 07 Dec 2017 07:39
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02019

Manual Integrations APPROVED
Sohil
12/7/2017 11:41:44 AM

Quant Time: Dec 07 08:28:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 07 04:35:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	230973	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1015674	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	608899	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1338027	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1082024	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	888502	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	26666	5.72	ng/uL	0.00
5) Phenol-d5	6.89	99	392655	19.65	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	221455	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	316343	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	335988	19.68	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	160314	19.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	178874	20.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	347720	19.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	418210	25.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1006424	18.57	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1297426	19.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	176462	18.74	ng/ul	0.01
57) Fluorene-d10	15.34	176	879420	18.87	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.47	200	98178	11.66	ng/ul	0.01
70) Anthracene-d10	17.19	188	1331080	19.86	ng/ul	0.00
76) Pyrene-d10	19.49	212	1296498	24.05	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.37	264	854071	18.87	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	31168	5.953	ng/uL#	66
4) Benzaldehyde	6.86	77	200730	20.300	ng/ul	88
6) Phenol	6.91	94	386432	19.561	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.13	93	290379	19.225	ng/ul	98
10) 2-Chlorophenol	7.27	128	308154	20.125	ng/ul	94
11) 2-Methylphenol	8.15	108	298648	19.546	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	314239	19.814	ng/ul#	81
14) Acetophenone	8.52	105	507921	19.563	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.51	70	238934	18.270	ng/ul#	70
16) 4-Methylphenol	8.48	108	323617	19.807	ng/ul	97
17) Hexachloroethane	8.77	117	131871	19.781	ng/ul#	74
20) Nitrobenzene	8.90	77	381505	18.803	ng/ul	94
21) Isophorone	9.42	82	690645	19.344	ng/ul	94
23) 2-Nitrophenol	9.60	139	179908	20.131	ng/ul#	82
24) 2,4-Dimethylphenol	9.67	107	382139	19.605	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	9.90	93	402876	19.281	ng/ul	95
27) 2,4-Dichlorophenol	10.14	162	326443	19.894	ng/ul#	90
28) Naphthalene	10.53	128	1020367	19.527	ng/ul	99
30) 4-Chloroaniline	10.65	127	399102	25.249	ng/ul	96
31) Hexachlorobutadiene	10.82	225	223552	18.808	ng/ul	94
32) Caprolactam	11.42	113	103549m	19.745	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	349141	19.397	ng/ul	96
34) 2-Methylnaphthalene	12.15	142	746957	19.015	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	430154	19.578 ng/ul	94
37) Hexachlorocyclopentadiene	12.50	237	138963	9.609 ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	277947	20.292 ng/ul	95
39) 2,4,5-Trichlorophenol	12.84	196	294130	20.215 ng/ul	98
40) 1,1'-Biphenyl	13.17	154	985301	19.147 ng/ul	99
41) 2-Chloronaphthalene	13.22	162	783394	19.404 ng/ul	99
42) 2-Nitroaniline	13.43	65	235394	19.900 ng/ul	89
44) Dimethylphthalate	13.81	163	962227	18.567 ng/ul	100
45) 2,6-Dinitrotoluene	13.93	165	205931	19.483 ng/ul	96
47) Acenaphthylene	14.07	152	1200735	19.405 ng/ul	98
48) 3-Nitroaniline	14.26	138	206486	21.856 ng/ul	89
49) Acenaphthene	14.41	153	824402	19.558 ng/ul	97
50) 2,4-Dinitrophenol	14.47	184	48700	8.326 ng/ul	90
52) 4-Nitrophenol	14.57	109	165585	17.929 ng/ul#	81
53) Dibenzofuran	14.74	168	1171481	18.826 ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	291067	18.931 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.97	232	267611	20.060 ng/ul#	88
56) Diethylphthalate	15.18	149	966430	18.593 ng/ul	96
58) Fluorene	15.40	166	956818	18.586 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	492970	17.643 ng/ul	97
60) 4-Nitroaniline	15.42	138	229190	20.561 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.49	198	96230	11.440 ng/ul	95
64) N-Nitrosodiphenylamine	15.61	169	814031	20.653 ng/ul	98
65) 4-Bromophenyl-phenylether	16.29	248	314250	19.979 ng/ul	94
66) Hexachlorobenzene	16.40	284	346694	19.987 ng/ul#	93
67) Atrazine	16.57	200	308990	21.239 ng/ul	93
68) Pentachlorophenol	16.75	266	207738	20.707 ng/ul	94
69) Phenanthrene	17.14	178	1474911	19.403 ng/ul	99
71) Anthracene	17.23	178	1530688	19.700 ng/ul	98
72) Carbazole	17.50	167	1285154	19.229 ng/ul	99
73) Di-n-butylphthalate	18.07	149	1560034	19.995 ng/ul#	98
74) Fluoranthene	19.16	202	1629233	17.489 ng/ul#	94
77) Pyrene	19.52	202	1597163	24.297 ng/ul#	94
78) Butylbenzylphthalate	20.43	149	670729	26.114 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.20	252	414851	18.239 ng/ul	99
80) Benzo(a)anthracene	21.27	228	1362287	19.843 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	941155	24.311 ng/ul	98
82) Chrysene	21.32	228	1231747	19.339 ng/ul	100
84) Di-n-octyl phthalate	22.08	149	1542984	24.421 ng/ul#	94
85) Benzo(b)fluoranthene	22.84	252	1111508	18.558 ng/ul#	97
86) Benzo(k)fluoranthene	22.89	252	1062989	18.859 ng/ul#	97
88) Benzo(a)pyrene	23.42	252	1014170	18.849 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.76	276	1157878	21.689 ng/ul#	95
90) Dibenzo(a,h)anthracene	25.77	278	987533	21.724 ng/ul#	95
91) Benzo(g,h,i)perylene	26.45	276	956518	22.715 ng/ul#	96

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

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