Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013521.D
Acq On : 19 Dec 2017 20:04
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02048

Manual Integrations APPROVED
Sohil
12/20/2017 3:49:49 PM

Quant Time: Dec 20 06:20:34 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	131661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	587476	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	384971	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	958458	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	928746	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	791019	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	21283	8.01	ng/uL	0.00
5) Phenol-d5	6.85	99	212182	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	125254	19.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	173271	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	172958	17.77	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	91342	19.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	98920	19.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	202111	19.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	219540	23.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	627077	18.30	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	819047	19.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	91613	15.39	ng/ul	0.00
57) Fluorene-d10	15.31	176	584209	19.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	95693	15.87	ng/ul	0.00
70) Anthracene-d10	17.16	188	950300	19.80	ng/ul	0.00
76) Pyrene-d10	19.46	212	1006839	21.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	774045	19.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	23362	7.828	ng/uL#	71
4) Benzaldehyde	6.83	77	117697	20.881	ng/ul	92
6) Phenol	6.87	94	217428	19.308	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.10	93	163532	18.993	ng/ul	98
10) 2-Chlorophenol	7.24	128	169073	19.371	ng/ul	94
11) 2-Methylphenol	8.12	108	158701	18.222	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	173743	19.218	ng/ul#	78
14) Acetophenone	8.49	105	279974	18.918	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.47	70	140071	18.789	ng/ul#	68
16) 4-Methylphenol	8.45	108	177282	19.035	ng/ul	90
17) Hexachloroethane	8.73	117	72953	19.198	ng/ul#	73
20) Nitrobenzene	8.87	77	228957	19.509	ng/ul	96
21) Isophorone	9.39	82	378972	18.351	ng/ul	95
23) 2-Nitrophenol	9.57	139	99871	19.320	ng/ul	87
24) 2,4-Dimethylphenol	9.63	107	211752	18.782	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	9.87	93	225541	18.661	ng/ul	97
27) 2,4-Dichlorophenol	10.10	162	189606	19.977	ng/ul#	93
28) Naphthalene	10.50	128	594141	19.657	ng/ul	99
30) 4-Chloroaniline	10.62	127	209368	22.900	ng/ul	93
31) Hexachlorobutadiene	10.77	225	134443	19.556	ng/ul	94
32) Caprolactam	11.39	113	57134m	18.835	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	198921	19.106	ng/ul	95
34) 2-Methylnaphthalene	12.12	142	445938	19.627	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	268939	19.360	ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	157607	17.238	ng/ul	96
38) 2,4,6-Trichlorophenol	12.74	196	173830	20.072	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	183432	19.940	ng/ul	97
40) 1,1'-Biphenyl	13.14	154	616759	18.956	ng/ul	97
41) 2-Chloronaphthalene	13.18	162	490291	19.208	ng/ul	96
42) 2-Nitroaniline	13.40	65	143989	19.254	ng/ul	97
44) Dimethylphthalate	13.78	163	601893	18.370	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	122403	18.317	ng/ul#	98
47) Acenaphthylene	14.03	152	749296	19.153	ng/ul	98
48) 3-Nitroaniline	14.23	138	118785	19.886	ng/ul#	89
49) Acenaphthene	14.38	153	505492	18.968	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	61197	16.549	ng/ul	94
52) 4-Nitrophenol	14.55	109	95302	16.321	ng/ul#	81
53) Dibenzofuran	14.72	168	772486	19.635	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	187693	19.308	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.94	232	162047	19.212	ng/ul#	89
56) Diethylphthalate	15.14	149	623986	18.988	ng/ul	93
58) Fluorene	15.37	166	632161	19.423	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	343036	19.419	ng/ul	96
60) 4-Nitroaniline	15.40	138	130926m	18.578	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.46	198	95349	15.825	ng/ul#	89
64) N-Nitrosodiphenylamine	15.58	169	541370	19.175	ng/ul	97
65) 4-Bromophenyl-phenylether	16.26	248	221276	19.639	ng/ul	95
66) Hexachlorobenzene	16.37	284	234561	18.878	ng/ul#	91
67) Atrazine	16.54	200	195841	18.792	ng/ul	97
68) Pentachlorophenol	16.72	266	114502	15.933	ng/ul	92
69) Phenanthrene	17.10	178	1065476	19.567	ng/ul	99
71) Anthracene	17.20	178	1078424	19.376	ng/ul	99
72) Carbazole	17.47	167	888896	18.567	ng/ul	99
73) Di-n-butylphthalate	18.04	149	1041876	18.642	ng/ul	99
74) Fluoranthene	19.13	202	1230724	18.444	ng/ul#	93
77) Pyrene	19.49	202	1237826	21.938	ng/ul#	93
78) Butylbenzylphthalate	20.40	149	447786	20.311	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.18	252	307517	15.751	ng/ul	93
80) Benzo(a)anthracene	21.24	228	1134421	19.251	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.18	149	578759	17.417	ng/ul#	99
82) Chrysene	21.30	228	1040777	19.038	ng/ul	98
84) Di-n-octyl phthalate	22.05	149	976592	17.362	ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	1038409	19.474	ng/ul#	99
86) Benzo(k)fluoranthene	22.86	252	958828	19.107	ng/ul#	97
88) Benzo(a)pyrene	23.39	252	934332	19.506	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.71	276	982958	20.682	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.73	278	840130	20.759	ng/ul#	98
91) Benzo(g,h,i)perylene	26.40	276	738766	19.706	ng/ul#	93

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

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