Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013436.D
Acq On : 15 Dec 2017 13:09
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02039

Manual Integrations APPROVED
Sohil
12/15/2017 6:49:24 PM

Quant Time: Dec 15 14:12:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	177532	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	788849	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	494446	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1174573	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1239338	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	988812	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	28374	7.92	ng/uL	0.00
5) Phenol-d5	6.86	99	297021	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	169744	19.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	234626	19.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	251430	19.16	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	124720	19.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	139121	20.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	271708	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	301718	23.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	838208	19.05	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1072387	19.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	142373	18.62	ng/ul	0.00
57) Fluorene-d10	15.32	176	726594	19.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	131854	17.84	ng/ul	0.00
70) Anthracene-d10	17.17	188	1159263	19.71	ng/ul	0.00
76) Pyrene-d10	19.47	212	1268810	20.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	983357	19.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	30100	7.480	ng/uL#	66
4) Benzaldehyde	6.83	77	158750	20.887	ng/ul	92
6) Phenol	6.88	94	287544	18.937	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.11	93	224973	19.378	ng/ul	97
10) 2-Chlorophenol	7.25	128	230389	19.575	ng/ul	96
11) 2-Methylphenol	8.12	108	221802	18.887	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.21	45	247849m	20.332	ng/ul	
14) Acetophenone	8.49	105	377685	18.926	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.48	70	195349	19.434	ng/ul#	68
16) 4-Methylphenol	8.45	108	236265	18.813	ng/ul	90
17) Hexachloroethane	8.74	117	93043	18.158	ng/ul	80
20) Nitrobenzene	8.87	77	294643	18.697	ng/ul	94
21) Isophorone	9.39	82	536578	19.350	ng/ul	95
23) 2-Nitrophenol	9.58	139	140777	20.281	ng/ul#	80
24) 2,4-Dimethylphenol	9.64	107	293705	19.401	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.87	93	318552	19.629	ng/ul	95
27) 2,4-Dichlorophenol	10.11	162	247167	19.394	ng/ul#	95
28) Naphthalene	10.50	128	779046	19.195	ng/ul	99
30) 4-Chloroaniline	10.62	127	291046	23.707	ng/ul	96
31) Hexachlorobutadiene	10.79	225	169905	18.405	ng/ul	92
32) Caprolactam	11.40	113	79984	19.637	ng/ul#	30
33) 4-Chloro-3-methylphenol	11.75	107	272239	19.473	ng/ul	94
34) 2-Methylnaphthalene	12.12	142	592639	19.425	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	340565	19.088 ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	189992	16.179 ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	218916	19.682 ng/ul	96
39) 2,4,5-Trichlorophenol	12.82	196	228802	19.365 ng/ul	98
40) 1,1'-Biphenyl	13.15	154	810221	19.389 ng/ul	98
41) 2-Chloronaphthalene	13.19	162	633828	19.333 ng/ul	98
42) 2-Nitroaniline	13.40	65	198246	20.640 ng/ul	95
44) Dimethylphthalate	13.78	163	815584	19.380 ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	171157	19.942 ng/ul#	96
47) Acenaphthylene	14.04	152	984567	19.595 ng/ul	99
48) 3-Nitroaniline	14.23	138	162603	21.195 ng/ul	90
49) Acenaphthene	14.38	153	659057	19.254 ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	74132	15.608 ng/ul	97
52) 4-Nitrophenol	14.55	109	134824	17.977 ng/ul#	82
53) Dibenzofuran	14.72	168	969664	19.189 ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	251005	20.104 ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	14.95	232	213094	19.671 ng/ul	90
56) Diethylphthalate	15.15	149	804674	19.065 ng/ul	97
58) Fluorene	15.37	166	801958	19.184 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	426999	18.820 ng/ul	94
60) 4-Nitroaniline	15.40	138	186573	20.613 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.46	198	138399	18.743 ng/ul	92
64) N-Nitrosodiphenylamine	15.59	169	697005	20.145 ng/ul	95
65) 4-Bromophenyl-phenylether	16.26	248	277513	20.099 ng/ul	96
66) Hexachlorobenzene	16.37	284	298920	19.631 ng/ul#	91
67) Atrazine	16.54	200	258027	20.204 ng/ul	94
68) Pentachlorophenol	16.72	266	155938	17.707 ng/ul	98
69) Phenanthrene	17.11	178	1313214	19.680 ng/ul	99
71) Anthracene	17.20	178	1344219	19.707 ng/ul	98
72) Carbazole	17.47	167	1133379	19.318 ng/ul	99
73) Di-n-butylphthalate	18.04	149	1367053	19.960 ng/ul	98
74) Fluoranthene	19.13	202	1561027	19.089 ng/ul#	91
77) Pyrene	19.50	202	1566854	20.810 ng/ul#	92
78) Butylbenzylphthalate	20.40	149	604505	20.548 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.18	252	458809	17.611 ng/ul#	95
80) Benzo(a)anthracene	21.24	228	1521355	19.348 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.18	149	892981	20.138 ng/ul#	97
82) Chrysene	21.30	228	1398507	19.170 ng/ul	99
84) Di-n-octyl phthalate	22.06	149	1452775	20.661 ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	1327898	19.921 ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	1247391	19.885 ng/ul#	98
88) Benzo(a)pyrene	23.39	252	1170931	19.555 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	1179287	19.849 ng/ul#	93
90) Dibenzo(a,h)anthracene	25.72	278	1011604	19.996 ng/ul#	96
91) Benzo(g,h,i)perylene	26.39	276	895345	19.105 ng/ul#	94

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

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