Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121517\
Data File : BM013445.D
Acq On : 15 Dec 2017 19:11
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Manual Integrations APPROVED
Sohil
12/18/2017 2:09:41 PM

Quant Time: Dec 16 00:21:17 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	168393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	704358	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	434701	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	961940	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	821286	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	733159	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	26431	7.77	ng/uL	0.00
5) Phenol-d5	6.86	99	268870	18.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	157076	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	216798	19.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	220165	17.69	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	109757	19.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	121172	20.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	238012	19.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	265988	23.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	731778	18.92	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	935214	19.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	110134	16.39	ng/ul	0.00
57) Fluorene-d10	15.32	176	634791	19.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	109294	18.06	ng/ul	0.00
70) Anthracene-d10	17.17	188	956976	19.86	ng/ul	0.00
76) Pyrene-d10	19.46	212	943142	23.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	721390	19.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	31942	8.368	ng/uL#	63
4) Benzaldehyde	6.83	77	144897	20.099	ng/ul	91
6) Phenol	6.88	94	258565	17.953	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.11	93	204322	18.554	ng/ul	97
10) 2-Chlorophenol	7.25	128	207436	18.582	ng/ul	96
11) 2-Methylphenol	8.12	108	199211	17.884	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.20	45	221007	19.114	ng/ul#	82
14) Acetophenone	8.50	105	344858	18.219	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.48	70	173825	18.231	ng/ul#	71
16) 4-Methylphenol	8.45	108	210736	17.691	ng/ul	93
17) Hexachloroethane	8.74	117	95115	19.570	ng/ul	82
20) Nitrobenzene	8.87	77	263777	18.746	ng/ul	94
21) Isophorone	9.39	82	487888	19.705	ng/ul	95
23) 2-Nitrophenol	9.57	139	123668	19.954	ng/ul#	85
24) 2,4-Dimethylphenol	9.64	107	260163	19.246	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	9.87	93	286654	19.782	ng/ul	95
27) 2,4-Dichlorophenol	10.11	162	218229	19.178	ng/ul#	93
28) Naphthalene	10.50	128	707784	19.531	ng/ul	98
30) 4-Chloroaniline	10.62	127	252148	23.003	ng/ul	94
31) Hexachlorobutadiene	10.79	225	167390	20.308	ng/ul	95
32) Caprolactam	11.39	113	63576m	17.481	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	233905	18.738	ng/ul	96
34) 2-Methylnaphthalene	12.12	142	524816	19.265	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	317907	20.267 ng/ul	96
37) Hexachlorocyclopentadiene	12.47	237	263031	25.477 ng/ul	97
38) 2,4,6-Trichlorophenol	12.74	196	192989	19.735 ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	202321	19.478 ng/ul	98
40) 1,1'-Biphenyl	13.15	154	724779	19.728 ng/ul	99
41) 2-Chloronaphthalene	13.19	162	576811	20.012 ng/ul	96
42) 2-Nitroaniline	13.40	65	160318	18.985 ng/ul	95
44) Dimethylphthalate	13.78	163	708673	19.154 ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	145393	19.268 ng/ul#	95
47) Acenaphthylene	14.04	152	878207	19.880 ng/ul	98
48) 3-Nitroaniline	14.23	138	131525	19.500 ng/ul	89
49) Acenaphthene	14.38	153	582580	19.359 ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	60329	14.447 ng/ul#	84
52) 4-Nitrophenol	14.55	109	108981	16.529 ng/ul#	80
53) Dibenzofuran	14.72	168	861426	19.390 ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	205149	18.689 ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.95	232	184417	19.363 ng/ul	91
56) Diethylphthalate	15.15	149	706861	19.049 ng/ul	96
58) Fluorene	15.37	166	697703	18.984 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.37	204	382592	19.180 ng/ul	100
60) 4-Nitroaniline	15.40	138	137011	17.217 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.46	198	110434	18.262 ng/ul	94
64) N-Nitrosodiphenylamine	15.59	169	595616	21.019 ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	236864	20.947 ng/ul	96
66) Hexachlorobenzene	16.37	284	256419	20.562 ng/ul#	94
67) Atrazine	16.55	200	219794	21.015 ng/ul	92
68) Pentachlorophenol	16.72	266	120284	16.677 ng/ul	95
69) Phenanthrene	17.11	178	1082253	19.803 ng/ul	99
71) Anthracene	17.20	178	1106961	19.816 ng/ul	98
72) Carbazole	17.47	167	880274	18.321 ng/ul	99
73) Di-n-butylphthalate	18.04	149	1103973	19.682 ng/ul	99
74) Fluoranthene	19.13	202	1152631	17.211 ng/ul#	92
77) Pyrene	19.49	202	1154257	23.134 ng/ul#	91
78) Butylbenzylphthalate	20.40	149	426066	21.855 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.18	252	298773	17.306 ng/ul#	98
80) Benzo(a)anthracene	21.24	228	1028314	19.734 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.18	149	613165	20.867 ng/ul	97
82) Chrysene	21.30	228	944641	19.540 ng/ul	99
84) Di-n-octyl phthalate	22.06	149	939694	18.024 ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	948952	19.200 ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	872967	18.769 ng/ul#	98
88) Benzo(a)pyrene	23.39	252	854728	19.252 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	984745	22.354 ng/ul#	92
90) Dibenzo(a,h)anthracene	25.72	278	829618	22.117 ng/ul#	96
91) Benzo(g,h,i)perylene	26.40	276	791193	22.770 ng/ul#	97

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

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