Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
Data File : BM014031.D
Acq On : 31 Jan 2018 13:17
Operator : SJ/JU
Sample : SSTD04016
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04016

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:14 PM

Quant Time: Jan 31 14:29:46 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 13:46:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	76567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	329956	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	221843	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	562433	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	670200	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	633214	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	25089	12.95	ng/uL	0.00
5) Phenol-d5	6.75	99	227152	38.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	137649	38.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	188144	39.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	194552	43.06	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	94373	36.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	110800	40.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	229835	43.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	208206	45.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	743532	40.67	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	922120	39.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	106656	35.89	ng/ul	0.00
57) Fluorene-d10	15.22	176	667434	41.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	143326	42.34	ng/ul	0.00
70) Anthracene-d10	17.07	188	1127261m	41.15	ng/ul	0.00
76) Pyrene-d10	19.38	212	1263797	40.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1266271	43.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	28157	13.268	ng/uL#	64
4) Benzaldehyde	6.72	77	103961	25.557	ng/ul	94
6) Phenol	6.77	94	224278	38.042	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.00	93	177074	38.383	ng/ul	91
10) 2-Chlorophenol	7.13	128	186586	39.087	ng/ul	96
11) 2-Methylphenol	8.02	108	178107	40.983	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.09	45	171989	36.639	ng/ul#	73
14) Acetophenone	8.39	105	318786	42.632	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.37	70	164829	45.182	ng/ul#	76
16) 4-Methylphenol	8.34	108	188944	40.661	ng/ul	86
17) Hexachloroethane	8.62	117	96205	41.404	ng/ul	83
20) Nitrobenzene	8.76	77	260645	39.408	ng/ul	98
21) Isophorone	9.28	82	443661	41.516	ng/ul	97
23) 2-Nitrophenol	9.46	139	112353	39.849	ng/ul	94
24) 2,4-Dimethylphenol	9.53	107	246138	41.408	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.77	93	252699	38.789	ng/ul	95
27) 2,4-Dichlorophenol	10.00	162	213044	42.298	ng/ul	96
28) Naphthalene	10.39	128	657742	40.069	ng/ul	99
30) 4-Chloroaniline	10.52	127	206985	46.035	ng/ul	98
31) Hexachlorobutadiene	10.66	225	182846	44.226	ng/ul	98
32) Caprolactam	11.30	113	56681m	40.453	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	221523	43.386	ng/ul	96
34) 2-Methylnaphthalene	12.01	142	505844	41.332	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.39	216	329974	40.143 ng/ul	96
37) Hexachlorocyclopentadiene	12.35	237	175720	51.491 ng/ul	96
38) 2,4,6-Trichlorophenol	12.64	196	203109	42.687 ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	206871	41.783 ng/ul	98
40) 1,1'-Biphenyl	13.04	154	710452	38.473 ng/ul	98
41) 2-Chloronaphthalene	13.08	162	575237	39.850 ng/ul	99
42) 2-Nitroaniline	13.31	65	168375	42.285 ng/ul	95
44) Dimethylphthalate	13.69	163	735705	40.925 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	145574	41.787 ng/ul#	91
47) Acenaphthylene	13.94	152	855592	40.106 ng/ul	99
48) 3-Nitroaniline	14.15	138	119480	43.610 ng/ul#	88
49) Acenaphthene	14.28	153	592005	40.069 ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	77660	38.888 ng/ul	92
52) 4-Nitrophenol	14.47	109	133410	44.198 ng/ul#	66
53) Dibenzofuran	14.62	168	909505	40.920 ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	226502	44.603 ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	14.86	232	210163	45.129 ng/ul#	88
56) Diethylphthalate	15.06	149	776883	42.942 ng/ul	96
58) Fluorene	15.27	166	760389	41.764 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	439076	44.631 ng/ul	96
60) 4-Nitroaniline	15.32	138	127685m	39.831 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.38	198	143823	40.248 ng/ul	100
64) N-Nitrosodiphenylamine	15.49	169	660577	39.934 ng/ul	96
65) 4-Bromophenyl-phenylether	16.17	248	281459	42.370 ng/ul	94
66) Hexachlorobenzene	16.28	284	301839	42.212 ng/ul	95
67) Atrazine	16.46	200	263938	39.978 ng/ul	91
68) Pentachlorophenol	16.63	266	147382	38.788 ng/ul	98
69) Phenanthrene	17.02	178	1270268	40.631 ng/ul	99
71) Anthracene	17.11	178	1317463	40.856 ng/ul	99
72) Carbazole	17.39	167	1062707	39.924 ng/ul	98
73) Di-n-butylphthalate	17.95	149	1390735	44.424 ng/ul	100
74) Fluoranthene	19.04	202	1595837	42.763 ng/ul#	96
77) Pyrene	19.41	202	1568867	38.506 ng/ul#	97
78) Butylbenzylphthalate	20.32	149	671594	46.794 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.10	252	408228	36.820 ng/ul	95
80) Benzo(a)anthracene	21.16	228	1701527	42.016 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.10	149	993631	46.144 ng/ul#	95
82) Chrysene	21.21	228	1573396	42.351 ng/ul	99
84) Di-n-octyl phthalate	21.97	149	1613707	42.287 ng/ul	99
85) Benzo(b)fluoranthene	22.71	252	1652761	42.501 ng/ul	97
86) Benzo(k)fluoranthene	22.76	252	1583925m	42.140 ng/ul	
88) Benzo(a)pyrene	23.27	252	1539114	41.897 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.54	276	1675670	38.641 ng/ul	98
90) Dibenzo(a,h)anthracene	25.54	278	1414856	38.637 ng/ul#	98
91) Benzo(g,h,i)perylene	26.21	276	1406305	39.403 ng/ul	99

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

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