Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000082.D
Acq On : 30 Dec 2014 06:23
Operator : TP
Sample : MDL-01-W
Misc : MDL-WATER-8PPM
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-01-W

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:21:34 AM

Quant Time: Dec 31 07:36:09 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 07:06:03 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	182792	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	734041	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	495272	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	923391m	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	838110	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	760831	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	17417	5.52	ng/uL	0.00
5) Phenol-d5	7.00	99	564038m	35.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	321150	33.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	421269	37.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	432214	34.55	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	181656	35.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	199397m	38.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	416005m	36.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	326330	25.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1218254	33.35	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1489295	34.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	165947	28.12	ng/ul	0.00
57) Fluorene-d10	15.47	176	1032216	32.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	140787	30.74	ng/ul	0.00
70) Anthracene-d10	17.32	188	1456015	34.10	ng/ul	0.00
76) Pyrene-d10	19.61	212	1462271	37.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1162832	33.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	25193	5.77	ng/uL	93
4) Benzaldehyde	6.98	77	13412m	1.36	ng/ul	
6) Phenol	7.03	94	103691	6.29	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.27	93	73473	5.83	ng/ul	96
10) 2-Chlorophenol	7.41	128	75147	6.37	ng/ul	97
11) 2-Methylphenol	8.28	108	76539	6.02	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.38	45	123554	6.09	ng/ul	97
14) Acetophenone	8.66	105	116103	5.44	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.65	70	62731	5.61	ng/ul	96
16) 4-Methylphenol	8.61	108	81923	5.95	ng/ul	91
17) Hexachloroethane	8.92	117	30931	5.74	ng/ul	84
20) Nitrobenzene	9.04	77	98784	6.53	ng/ul	97
21) Isophorone	9.57	82	167904	5.76	ng/ul	96
23) 2-Nitrophenol	9.75	139	36663	6.41	ng/ul	97
24) 2,4-Dimethylphenol	9.81	107	98063	6.31	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	97115	5.98	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	75335	6.59	ng/ul	95
28) Naphthalene	10.69	128	223751	5.98	ng/ul	99
30) 4-Chloroaniline	10.79	127	61653m	4.59	ng/ul	
31) Hexachlorobutadiene	10.97	225	49894	6.16	ng/ul	96
32) Caprolactam	11.56	113	18272m	4.80	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	80455	5.74	ng/ul	98
34) 2-Methylnaphthalene	12.30	142	165963	5.98	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	85869	6.25 ng/ul#	94
37) Hexachlorocyclopentadiene	12.64	237	47712	5.26 ng/ul#	96
38) 2,4,6-Trichlorophenol	12.90	196	52856	6.03 ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	57389	6.03 ng/ul	98
40) 1,1'-Biphenyl	13.31	154	219552	6.15 ng/ul	97
41) 2-Chloronaphthalene	13.35	162	170449	6.23 ng/ul	98
42) 2-Nitroaniline	13.56	65	47754	5.39 ng/ul	93
44) Dimethylphthalate	13.93	163	211604	5.82 ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	34525	5.31 ng/ul	88
47) Acenaphthylene	14.20	152	277248	6.01 ng/ul	99
48) 3-Nitroaniline	14.38	138	18364	2.76 ng/ul#	92
49) Acenaphthene	14.54	153	177325	6.03 ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	13966	4.23 ng/ul#	84
52) 4-Nitrophenol	14.68	109	40686	5.18 ng/ul	97
53) Dibenzofuran	14.87	168	254296	5.97 ng/ul	95
54) 2,4-Dinitrotoluene	14.84	165	50833	5.23 ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.10	232	43276	5.27 ng/ul	98
56) Diethylphthalate	15.29	149	213291	5.58 ng/ul	98
58) Fluorene	15.52	166	206286	5.84 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.52	204	105203	6.04 ng/ul	91
60) 4-Nitroaniline	15.53	138	29462	3.91 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.59	198	27047	5.77 ng/ul#	69
64) N-Nitrosodiphenylamine	15.73	169	162049	6.05 ng/ul	100
65) 4-Bromophenyl-phenylether	16.41	248	59981	6.37 ng/ul	92
66) Hexachlorobenzene	16.53	284	69260	6.38 ng/ul	94
67) Atrazine	16.68	200	14001	1.33 ng/ul	92
68) Pentachlorophenol	16.87	266	30856	4.68 ng/ul	98
69) Phenanthrene	17.26	178	307799	6.16 ng/ul	99
71) Anthracene	17.35	178	309908	6.03 ng/ul	100
72) Carbazole	17.61	167	253319	5.47 ng/ul	99
73) Di-n-butylphthalate	18.19	149	305023	5.52 ng/ul	98
74) Fluoranthene	19.27	202	323530	5.65 ng/ul	97
77) Pyrene	19.64	202	333733	6.61 ng/ul	98
78) Butylbenzylphthalate	20.54	149	114110	5.56 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.32	252	23832	1.56 ng/ul#	95
80) Benzo(a)anthracene	21.39	228	292867	6.05 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	159665	5.34 ng/ul	99
82) Chrysene	21.44	228	278494	6.25 ng/ul	99
84) Di-n-octyl phthalate	22.22	149	261238	4.99 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	292665	6.03 ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	234998	5.67 ng/ul	99
88) Benzo(a)pyrene	23.60	252	263374	6.18 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.04	276	306009	6.88 ng/ul	98
90) Dibenzo(a,h)anthracene	26.05	278	259169	6.92 ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	254421	6.96 ng/ul	98

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

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