Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000088.D
Acq On : 30 Dec 2014 09:56
Operator : TP
Sample : MDL-07-W
Misc : MDL-WATER-8PPM
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-07-W

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:22:11 AM

Quant Time: Dec 31 07:53:37 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 07:06:16 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	173098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	678958	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	459661	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	862983m	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	796630	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	690135	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	17318	5.80	ng/uL	0.01
5) Phenol-d5	7.01	99	556025	37.08	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	328133	35.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	411660	38.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	426128	35.97	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	188099	40.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	200843m	41.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	411276m	38.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	476255	39.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1232083	36.34	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1497697	36.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	173496	31.68	ng/ul	0.00
57) Fluorene-d10	15.47	176	1026702	35.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	134007	31.31	ng/ul	0.00
70) Anthracene-d10	17.32	188	1465926	36.74	ng/ul	0.00
76) Pyrene-d10	19.61	212	1472088	40.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1196828	38.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	24379	5.89	ng/uL	89
4) Benzaldehyde	6.98	77	57172	6.12	ng/ul	97
6) Phenol	7.03	94	99654	6.38	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.27	93	72641	6.09	ng/ul	98
10) 2-Chlorophenol	7.41	128	74795	6.69	ng/ul	99
11) 2-Methylphenol	8.28	108	74105	6.15	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.38	45	122858	6.39	ng/ul	98
14) Acetophenone	8.66	105	115229	5.70	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	62515	5.91	ng/ul#	91
16) 4-Methylphenol	8.60	108	78008	5.99	ng/ul	90
17) Hexachloroethane	8.93	117	31176	6.11	ng/ul	95
20) Nitrobenzene	9.04	77	94258	6.73	ng/ul	95
21) Isophorone	9.57	82	161635	5.99	ng/ul#	96
23) 2-Nitrophenol	9.75	139	35154	6.64	ng/ul	93
24) 2,4-Dimethylphenol	9.81	107	99363	6.92	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	95675	6.37	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	73023	6.91	ng/ul	87
28) Naphthalene	10.69	128	222007	6.41	ng/ul	98
30) 4-Chloroaniline	10.79	127	79169	6.37	ng/ul	97
31) Hexachlorobutadiene	10.97	225	50785	6.78	ng/ul	96
32) Caprolactam	11.58	113	17911	5.09	ng/ul	86
33) 4-Chloro-3-methylphenol	11.91	107	75824	5.85	ng/ul	93
34) 2-Methylnaphthalene	12.30	142	160862	6.27	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	83401	6.54 ng/ul	98
37) Hexachlorocyclopentadiene	12.64	237	47725	5.67 ng/ul	97
38) 2,4,6-Trichlorophenol	12.90	196	52447	6.45 ng/ul	100
39) 2,4,5-Trichlorophenol	12.97	196	57399	6.50 ng/ul	95
40) 1,1'-Biphenyl	13.31	154	215177	6.50 ng/ul	99
41) 2-Chloronaphthalene	13.35	162	165383	6.51 ng/ul	96
42) 2-Nitroaniline	13.55	65	45966	5.59 ng/ul	98
44) Dimethylphthalate	13.93	163	204922	6.07 ng/ul#	97
45) 2,6-Dinitrotoluene	14.05	165	36845	6.10 ng/ul	97
47) Acenaphthylene	14.20	152	260936	6.09 ng/ul	99
48) 3-Nitroaniline	14.38	138	32911	5.32 ng/ul#	91
49) Acenaphthene	14.54	153	173359	6.35 ng/ul	98
50) 2,4-Dinitrophenol	14.59	184	13565	4.42 ng/ul#	78
52) 4-Nitrophenol	14.68	109	40372	5.54 ng/ul	92
53) Dibenzofuran	14.87	168	249049	6.30 ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	49756	5.52 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.10	232	42084	5.53 ng/ul	99
56) Diethylphthalate	15.29	149	211641	5.96 ng/ul	100
58) Fluorene	15.52	166	201964	6.16 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.52	204	97882	6.05 ng/ul	93
60) 4-Nitroaniline	15.53	138	36121	5.17 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	23843	5.45 ng/ul#	71
64) N-Nitrosodiphenylamine	15.73	169	161646	6.46 ng/ul	97
65) 4-Bromophenyl-phenylether	16.41	248	57733	6.56 ng/ul	96
66) Hexachlorobenzene	16.52	284	65996	6.51 ng/ul#	90
67) Atrazine	16.68	200	55221	5.59 ng/ul	99
68) Pentachlorophenol	16.86	266	29850	4.84 ng/ul	99
69) Phenanthrene	17.26	178	302403	6.48 ng/ul	99
71) Anthracene	17.35	178	302067	6.29 ng/ul	98
72) Carbazole	17.61	167	259808	6.01 ng/ul	99
73) Di-n-butylphthalate	18.19	149	309711	6.00 ng/ul	99
74) Fluoranthene	19.27	202	317665	5.93 ng/ul	98
77) Pyrene	19.64	202	333072	6.94 ng/ul	99
78) Butylbenzylphthalate	20.54	149	114091	5.85 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.32	252	69798	4.79 ng/ul#	99
80) Benzo(a)anthracene	21.39	228	285672	6.21 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	170600	6.01 ng/ul	100
82) Chrysene	21.43	228	266669	6.29 ng/ul	98
84) Di-n-octyl phthalate	22.21	149	256799	5.41 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	295264	6.70 ng/ul	99
86) Benzo(k)fluoranthene	23.04	252	219818	5.85 ng/ul	97
88) Benzo(a)pyrene	23.60	252	253011	6.54 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	281520	6.97 ng/ul	97
90) Dibenzo(a,h)anthracene	26.05	278	240940	7.09 ng/ul	97
91) Benzo(g,h,i)perylene	26.75	276	241077	7.27 ng/ul	97

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

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