Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123114\
Data File : BM000092.D
Acq On : 31 Dec 2014 15:31
Operator : TP/IZ
Sample : MDL-01-W
Misc : MDL-01-WATER-8PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDLWater-1

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:25:39 AM

Quant Time: Jan 01 00:34:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 01 00:20:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	200730	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	833378	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	624573	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1346203	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1343848	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1065667	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	20049	5.79	ng/uL	0.00
5) Phenol-d5	7.00	99	656051	37.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	353611	33.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	472821	38.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	516848	37.62	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	212372	36.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	225990	38.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	492469	37.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	411692	27.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1612422	35.00	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1872570	33.93	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	254419	34.19	ng/ul	0.00
57) Fluorene-d10	15.47	176	1351219	34.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	214234	32.09	ng/ul	0.00
70) Anthracene-d10	17.32	188	2098051	33.70	ng/ul	0.00
76) Pyrene-d10	19.61	212	2238076	36.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1631359	33.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	27992	5.83	ng/uL	90
4) Benzaldehyde	6.98	77	24568	2.27	ng/ul	92
6) Phenol	7.03	94	119091	6.58	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.26	93	81961	5.92	ng/ul	96
10) 2-Chlorophenol	7.41	128	87520	6.75	ng/ul	92
11) 2-Methylphenol	8.28	108	86073	6.16	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	139374	6.25	ng/ul	98
14) Acetophenone	8.65	105	132968	5.67	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.64	70	72317	5.89	ng/ul	94
16) 4-Methylphenol	8.60	108	97736	6.47	ng/ul	100
17) Hexachloroethane	8.92	117	35027	5.92	ng/ul	89
20) Nitrobenzene	9.04	77	110688	6.44	ng/ul	96
21) Isophorone	9.56	82	196381	5.93	ng/ul#	97
23) 2-Nitrophenol	9.75	139	43255	6.66	ng/ul#	91
24) 2,4-Dimethylphenol	9.80	107	118572	6.72	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	112396	6.10	ng/ul#	98
27) 2,4-Dichlorophenol	10.28	162	90855	7.00	ng/ul	92
28) Naphthalene	10.69	128	255947	6.02	ng/ul	100
30) 4-Chloroaniline	10.79	127	65808	4.32	ng/ul	97
31) Hexachlorobutadiene	10.97	225	58452	6.36	ng/ul	91
32) Caprolactam	11.55	113	26020m	6.02	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	106447	6.69	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	194589	6.18	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	102471	5.92	ng/ul	96
37) Hexachlorocyclopentadiene	12.64	237	52917	4.63	ng/ul	98
38) 2,4,6-Trichlorophenol	12.91	196	68634	6.21	ng/ul	95
39) 2,4,5-Trichlorophenol	12.97	196	69648	5.81	ng/ul	98
40) 1,1'-Biphenyl	13.31	154	268008	5.95	ng/ul	100
41) 2-Chloronaphthalene	13.35	162	205291	5.95	ng/ul	95
42) 2-Nitroaniline	13.55	65	66573	5.95	ng/ul	95
44) Dimethylphthalate	13.93	163	286396	6.24	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	48841	5.95	ng/ul	90
47) Acenaphthylene	14.20	152	330995	5.69	ng/ul	99
48) 3-Nitroaniline	14.38	138	22379	2.66	ng/ul	94
49) Acenaphthene	14.54	153	223681	6.03	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	22617	5.43	ng/ul	94
52) 4-Nitrophenol	14.68	109	66075	6.68	ng/ul	92
53) Dibenzofuran	14.87	168	333289	6.21	ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	74081	6.05	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.10	232	63469	6.13	ng/ul#	95
56) Diethylphthalate	15.29	149	291657	6.05	ng/ul	99
58) Fluorene	15.52	166	270694	6.07	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	136920	6.23	ng/ul	91
60) 4-Nitroaniline	15.53	138	46575	4.90	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.59	198	41746	6.11	ng/ul#	75
64) N-Nitrosodiphenylamine	15.73	169	214973	5.51	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	78992	5.76	ng/ul	94
66) Hexachlorobenzene	16.53	284	95851	6.06	ng/ul	94
67) Atrazine	16.68	200	12762	0.83	ng/ul	93
68) Pentachlorophenol	16.86	266	50130	5.21	ng/ul	97
69) Phenanthrene	17.26	178	443868	6.09	ng/ul	99
71) Anthracene	17.35	178	434105	5.79	ng/ul	99
72) Carbazole	17.61	167	375062	5.56	ng/ul	99
73) Di-n-butylphthalate	18.19	149	478164	5.94	ng/ul	99
74) Fluoranthene	19.27	202	513068	6.14	ng/ul	98
77) Pyrene	19.64	202	527026	6.51	ng/ul	98
78) Butylbenzylphthalate	20.54	149	196984	5.99	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.33	252	5380	0.22	ng/ul	96
80) Benzo(a)anthracene	21.39	228	467154	6.02	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.32	149	282975	5.91	ng/ul	99
82) Chrysene	21.44	228	437562	6.12	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	445068	6.07	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	442823	6.51	ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	365867	6.30	ng/ul	99
88) Benzo(a)pyrene	23.60	252	371707	6.22	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.04	276	387683	6.22	ng/ul	96
90) Dibenzo(a,h)anthracene	26.05	278	330037	6.29	ng/ul	99
91) Benzo(g,h,i)perylene	26.75	276	317166	6.19	ng/ul	98

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

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