Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000076.D
Acq On : 30 Dec 2014 02:14
Operator : TP
Sample : MDL-03-S
Misc : MDL-SOIL-8PPM
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:20:53 AM

Quant Time: Dec 31 07:14:09 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	251100	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1096335	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	787916	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1584410	20.00	ng/ul	-0.01
75) Chrysene-d12	21.41	240	1622319	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1288757	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	26436	6.10	ng/uL	0.00
5) Phenol-d5	7.00	99	680277	31.27	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	423516	31.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	493186	31.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	540005	31.42	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	256483	33.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	276590	35.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	533597	31.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	717683	37.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1892595	32.57	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2216045	31.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	279568	29.78	ng/ul	0.00
57) Fluorene-d10	15.47	176	1591703	31.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	163160	20.76	ng/ul	0.00
70) Anthracene-d10	17.32	188	2425858	33.11	ng/ul	0.00
76) Pyrene-d10	19.61	212	2612457	34.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	2005171	34.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	27018	4.50	ng/uL	98
4) Benzaldehyde	6.98	77	75482	5.57	ng/ul	97
6) Phenol	7.03	94	101000	4.46	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	83485	4.82	ng/ul	99
10) 2-Chlorophenol	7.41	128	72847	4.49	ng/ul	96
11) 2-Methylphenol	8.28	108	76171	4.36	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.38	45	135227	4.85	ng/ul	99
14) Acetophenone	8.66	105	134744	4.59	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.65	70	74057	4.82	ng/ul	97
16) 4-Methylphenol	8.61	108	87091	4.61	ng/ul	95
17) Hexachloroethane	8.92	117	35331	4.77	ng/ul#	77
20) Nitrobenzene	9.04	77	111822	4.95	ng/ul	99
21) Isophorone	9.56	82	198902	4.56	ng/ul	99
23) 2-Nitrophenol	9.75	139	42789	5.01	ng/ul#	87
24) 2,4-Dimethylphenol	9.81	107	108159	4.66	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	116416	4.80	ng/ul	97
27) 2,4-Dichlorophenol	10.28	162	79834	4.68	ng/ul#	88
28) Naphthalene	10.69	128	258432	4.62	ng/ul	99
30) 4-Chloroaniline	10.79	127	94938	4.73	ng/ul	99
31) Hexachlorobutadiene	10.97	225	58406	4.83	ng/ul	94
32) Caprolactam	11.58	113	23665m	4.16	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	98308	4.70	ng/ul	97
34) 2-Methylnaphthalene	12.30	142	197008	4.75	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	102540	4.69	ng/ul#	92
37) Hexachlorocyclopentadiene	12.64	237	54990	3.81	ng/ul	97
38) 2,4,6-Trichlorophenol	12.91	196	61190	4.39	ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	65885	4.35	ng/ul	95
40) 1,1'-Biphenyl	13.31	154	261803	4.61	ng/ul	97
41) 2-Chloronaphthalene	13.35	162	208529	4.79	ng/ul	99
42) 2-Nitroaniline	13.56	65	63252	4.48	ng/ul	96
44) Dimethylphthalate	13.93	163	275680	4.76	ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	46452	4.49	ng/ul#	84
47) Acenaphthylene	14.20	152	337674	4.60	ng/ul	99
48) 3-Nitroaniline	14.38	138	49761	4.69	ng/ul	93
49) Acenaphthene	14.54	153	215943	4.62	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	8480	1.61	ng/ul	94
52) 4-Nitrophenol	14.68	109	57430	4.60	ng/ul	98
53) Dibenzofuran	14.87	168	316761	4.68	ng/ul	93
54) 2,4-Dinitrotoluene	14.84	165	69764	4.52	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.10	232	57190	4.38	ng/ul#	96
56) Diethylphthalate	15.29	149	286979	4.72	ng/ul	98
58) Fluorene	15.52	166	271552	4.83	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	133103	4.80	ng/ul	97
60) 4-Nitroaniline	15.53	138	53445	4.46	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.59	198	25120	3.12	ng/ul#	63
64) N-Nitrosodiphenylamine	15.73	169	222897	4.85	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	82001	5.08	ng/ul	94
66) Hexachlorobenzene	16.53	284	90735	4.87	ng/ul	94
67) Atrazine	16.68	200	87606	4.83	ng/ul	99
68) Pentachlorophenol	16.87	266	40044m	3.54	ng/ul	
69) Phenanthrene	17.26	178	434993m	5.07	ng/ul	
71) Anthracene	17.35	178	424304	4.81	ng/ul	100
72) Carbazole	17.61	167	384754	4.84	ng/ul	98
73) Di-n-butylphthalate	18.19	149	467067	4.93	ng/ul	99
74) Fluoranthene	19.27	202	489343	4.98	ng/ul	97
77) Pyrene	19.64	202	515061	5.27	ng/ul	97
78) Butylbenzylphthalate	20.54	149	187535	4.72	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.32	252	137855	4.65	ng/ul	98
80) Benzo(a)anthracene	21.39	228	462060	4.93	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	278994	4.82	ng/ul	97
82) Chrysene	21.44	228	425872	4.93	ng/ul	100
84) Di-n-octyl phthalate	22.22	149	418756	4.73	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	429491	5.22	ng/ul	100
86) Benzo(k)fluoranthene	23.05	252	341662	4.87	ng/ul	100
88) Benzo(a)pyrene	23.60	252	349689	4.84	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	346826	4.60	ng/ul	96
90) Dibenzo(a,h)anthracene	26.05	278	281601	4.44	ng/ul	97
91) Benzo(g,h,i)perylene	26.75	276	275462	4.45	ng/ul	100

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

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