Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000074.D
Acq On : 30 Dec 2014 01:03
Operator : TP
Sample : MDL-01-S
Misc : MDL--SOIL-8PPM
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:20:57 AM

Quant Time: Dec 31 07:02:44 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	240743	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1055602	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	760875	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1513271	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1397579	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1094680	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	26469	6.37	ng/uL	0.00
5) Phenol-d5	7.01	99	792015	37.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	469446	36.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	578929	38.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	626530	38.03	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	279682	38.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	304871	40.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	600274	36.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	754280	40.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2003260	35.70	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2376747	35.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	301120	33.22	ng/ul	0.00
57) Fluorene-d10	15.48	176	1686148	34.99	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.58	200	146461	19.52	ng/ul	0.00
70) Anthracene-d10	17.32	188	2529455	36.15	ng/ul	0.00
76) Pyrene-d10	19.61	212	2657128	41.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1858504	37.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	36344	6.32	ng/uL	91
4) Benzaldehyde	6.98	77	100949	7.77	ng/ul	96
6) Phenol	7.03	94	152321	7.02	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.27	93	114934	6.92	ng/ul	97
10) 2-Chlorophenol	7.41	128	112215	7.22	ng/ul	98
11) 2-Methylphenol	8.28	108	118184	7.06	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.38	45	193475	7.24	ng/ul	99
14) Acetophenone	8.66	105	190887	6.79	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.65	70	103237	7.01	ng/ul	98
16) 4-Methylphenol	8.61	108	126636	6.99	ng/ul	96
17) Hexachloroethane	8.93	117	47904	6.75	ng/ul	97
20) Nitrobenzene	9.04	77	154671	7.11	ng/ul	98
21) Isophorone	9.57	82	279236	6.66	ng/ul	98
23) 2-Nitrophenol	9.75	139	58807	7.15	ng/ul#	91
24) 2,4-Dimethylphenol	9.81	107	155442	6.96	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	159488	6.83	ng/ul	97
27) 2,4-Dichlorophenol	10.28	162	119311	7.26	ng/ul	92
28) Naphthalene	10.69	128	365088	6.78	ng/ul	99
30) 4-Chloroaniline	10.79	127	124017	6.42	ng/ul	96
31) Hexachlorobutadiene	10.97	225	79206	6.80	ng/ul	92
32) Caprolactam	11.59	113	32356m	5.91	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	137651	6.83	ng/ul	97
34) 2-Methylnaphthalene	12.30	142	275693	6.91	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	142619	6.76 ng/ul#	98
37) Hexachlorocyclopentadiene	12.65	237	76932	5.52 ng/ul	92
38) 2,4,6-Trichlorophenol	12.90	196	92173	6.85 ng/ul	96
39) 2,4,5-Trichlorophenol	12.97	196	96474	6.60 ng/ul	98
40) 1,1'-Biphenyl	13.32	154	368928	6.73 ng/ul	98
41) 2-Chloronaphthalene	13.35	162	283471	6.74 ng/ul	99
42) 2-Nitroaniline	13.56	65	88365	6.49 ng/ul	92
44) Dimethylphthalate	13.93	163	376021	6.73 ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	63923	6.39 ng/ul#	84
47) Acenaphthylene	14.20	152	469202	6.62 ng/ul	98
48) 3-Nitroaniline	14.38	138	66237	6.47 ng/ul	96
49) Acenaphthene	14.54	153	298671	6.61 ng/ul	97
50) 2,4-Dinitrophenol	14.59	184	12872	2.54 ng/ul#	89
52) 4-Nitrophenol	14.68	109	80526	6.68 ng/ul	97
53) Dibenzofuran	14.87	168	434909	6.65 ng/ul	95
54) 2,4-Dinitrotoluene	14.84	165	99054	6.64 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.10	232	82448	6.54 ng/ul	97
56) Diethylphthalate	15.29	149	394209	6.71 ng/ul	99
58) Fluorene	15.52	166	361069	6.65 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	181162	6.77 ng/ul	93
60) 4-Nitroaniline	15.53	138	75433	6.52 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.59	198	30589	3.98 ng/ul#	65
64) N-Nitrosodiphenylamine	15.73	169	304838	6.95 ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	107644	6.98 ng/ul#	87
66) Hexachlorobenzene	16.53	284	124097	6.98 ng/ul	92
67) Atrazine	16.68	200	114020	6.59 ng/ul	97
68) Pentachlorophenol	16.87	266	58118	5.37 ng/ul	95
69) Phenanthrene	17.26	178	571926	6.98 ng/ul	98
71) Anthracene	17.35	178	570414	6.77 ng/ul	98
72) Carbazole	17.61	167	505109	6.66 ng/ul	99
73) Di-n-butylphthalate	18.19	149	623708	6.89 ng/ul	98
74) Fluoranthene	19.27	202	642806	6.84 ng/ul	97
77) Pyrene	19.64	202	647496	7.69 ng/ul#	94
78) Butylbenzylphthalate	20.54	149	246793	7.21 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.32	252	155232	6.08 ng/ul#	97
80) Benzo(a)anthracene	21.39	228	555597	6.89 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	334266	6.71 ng/ul	99
82) Chrysene	21.44	228	505941	6.80 ng/ul	99
84) Di-n-octyl phthalate	22.22	149	497079	6.60 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	494938	7.08 ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	419692	7.04 ng/ul	100
88) Benzo(a)pyrene	23.60	252	421504	6.87 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.04	276	428531	6.69 ng/ul	99
90) Dibenzo(a,h)anthracene	26.05	278	368501	6.84 ng/ul	99
91) Benzo(g,h,i)perylene	26.75	276	355639	6.76 ng/ul	98

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

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