Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000078.D
Acq On : 30 Dec 2014 03:25
Operator : TP
Sample : MDL-05-S
Misc : MDL-SOIL-8PPM
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:21:44 AM

Quant Time: Dec 31 07:24:48 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	280264	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1222018	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	875234	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1770048	20.00	ng/ul	-0.01
75) Chrysene-d12	21.41	240	1805531	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1477731	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	24950	5.16	ng/uL	0.00
5) Phenol-d5	7.00	99	637196	26.25	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	395996	26.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	460566	26.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	506500	26.41	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	237538	28.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	255583	29.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	496054	25.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	654354	30.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1778232	27.55	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2081951	26.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	273676	26.25	ng/ul	0.00
57) Fluorene-d10	15.47	176	1472150	26.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	139033	15.84	ng/ul	0.00
70) Anthracene-d10	17.32	188	2276664	27.82	ng/ul	0.00
76) Pyrene-d10	19.61	212	2431063	29.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1928635	28.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	30677	4.58	ng/uL#	92
4) Benzaldehyde	6.98	77	85562	5.66	ng/ul	99
6) Phenol	7.03	94	119944	4.75	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.27	93	93538	4.84	ng/ul	98
10) 2-Chlorophenol	7.41	128	84779	4.69	ng/ul	97
11) 2-Methylphenol	8.28	108	90594	4.65	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.38	45	157186	5.05	ng/ul	98
14) Acetophenone	8.66	105	152335	4.65	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	84810	4.95	ng/ul#	94
16) 4-Methylphenol	8.60	108	100448	4.76	ng/ul	96
17) Hexachloroethane	8.92	117	38410	4.65	ng/ul	85
20) Nitrobenzene	9.04	77	124878	4.96	ng/ul	92
21) Isophorone	9.56	82	225537	4.64	ng/ul	98
23) 2-Nitrophenol	9.75	139	49103	5.15	ng/ul	94
24) 2,4-Dimethylphenol	9.81	107	127607	4.94	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	133410	4.93	ng/ul	100
27) 2,4-Dichlorophenol	10.28	162	91981	4.84	ng/ul	92
28) Naphthalene	10.69	128	298546	4.79	ng/ul	98
30) 4-Chloroaniline	10.79	127	107732	4.82	ng/ul	100
31) Hexachlorobutadiene	10.97	225	66848	4.96	ng/ul	92
32) Caprolactam	11.58	113	30898m	4.88	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	113807	4.88	ng/ul	97
34) 2-Methylnaphthalene	12.30	142	226186	4.90	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	119015	4.90 ng/ul#	97
37) Hexachlorocyclopentadiene	12.64	237	62751	3.91 ng/ul	95
38) 2,4,6-Trichlorophenol	12.91	196	73027	4.72 ng/ul	97
39) 2,4,5-Trichlorophenol	12.97	196	81441	4.84 ng/ul	95
40) 1,1'-Biphenyl	13.31	154	305316	4.84 ng/ul	97
41) 2-Chloronaphthalene	13.35	162	232323	4.81 ng/ul	98
42) 2-Nitroaniline	13.56	65	73985	4.72 ng/ul	96
44) Dimethylphthalate	13.93	163	323238	5.03 ng/ul	97
45) 2,6-Dinitrotoluene	14.05	165	54993	4.78 ng/ul#	85
47) Acenaphthylene	14.20	152	388797	4.77 ng/ul	99
48) 3-Nitroaniline	14.38	138	55910	4.75 ng/ul#	98
49) Acenaphthene	14.54	153	252540	4.86 ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	9602	1.64 ng/ul	94
52) 4-Nitrophenol	14.68	109	66231	4.78 ng/ul	99
53) Dibenzofuran	14.87	168	364599	4.84 ng/ul	94
54) 2,4-Dinitrotoluene	14.84	165	80895	4.71 ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.10	232	68665	4.74 ng/ul#	97
56) Diethylphthalate	15.29	149	333482	4.94 ng/ul	99
58) Fluorene	15.52	166	306951	4.91 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	153016	4.97 ng/ul	93
60) 4-Nitroaniline	15.53	138	63298	4.76 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.59	198	25177	2.80 ng/ul#	61
64) N-Nitrosodiphenylamine	15.73	169	257541	5.02 ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	93633	5.19 ng/ul	94
66) Hexachlorobenzene	16.53	284	107042	5.15 ng/ul	93
67) Atrazine	16.68	200	100065	4.94 ng/ul	97
68) Pentachlorophenol	16.87	266	47170m	3.73 ng/ul	
69) Phenanthrene	17.26	178	500067m	5.22 ng/ul	
71) Anthracene	17.35	178	498830	5.06 ng/ul	99
72) Carbazole	17.61	167	449211	5.06 ng/ul	99
73) Di-n-butylphthalate	18.19	149	542148	5.12 ng/ul	99
74) Fluoranthene	19.27	202	570100	5.19 ng/ul#	97
77) Pyrene	19.64	202	583392	5.36 ng/ul#	96
78) Butylbenzylphthalate	20.54	149	227711	5.15 ng/ul	88
79) 3,3'-Dichlorobenzidine	21.32	252	156393	4.74 ng/ul	99
80) Benzo(a)anthracene	21.39	228	529777	5.08 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.32	149	342642	5.32 ng/ul	99
82) Chrysene	21.44	228	494322	5.15 ng/ul	99
84) Di-n-octyl phthalate	22.22	149	523316	5.15 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	504563	5.35 ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	408848	5.08 ng/ul	99
88) Benzo(a)pyrene	23.60	252	420536	5.08 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	409400	4.74 ng/ul	99
90) Dibenzo(a,h)anthracene	26.05	278	351286	4.83 ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	332314	4.68 ng/ul	97

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

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