Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000075.D
Acq On : 30 Dec 2014 01:39
Operator : TP
Sample : MDL-02-S
Misc : MDL-SOIL-8PPM
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:20:55 AM

Quant Time: Dec 31 07:06:42 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	240800	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1053005	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	753663	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1479004	20.00	ng/ul	-0.01
75) Chrysene-d12	21.41	240	1368774	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1082504	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	22852	5.50	ng/uL	-0.01
5) Phenol-d5	7.00	99	588508	28.21	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	359171	28.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	426354	28.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	465845	28.27	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	217639	29.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	229600	30.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	447731	27.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	592099	31.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1551424	27.91	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1836116	27.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	224349	24.99	ng/ul	0.00
57) Fluorene-d10	15.47	176	1301910	27.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	108478	14.79	ng/ul	0.00
70) Anthracene-d10	17.32	188	1934796	28.29	ng/ul	0.00
76) Pyrene-d10	19.61	212	2024399	32.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1436074	29.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	22733	3.95	ng/uL	90
4) Benzaldehyde	6.98	77	67160	5.17	ng/ul	96
6) Phenol	7.03	94	95196	4.38	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.27	93	75780	4.56	ng/ul	98
10) 2-Chlorophenol	7.41	128	68747	4.42	ng/ul	98
11) 2-Methylphenol	8.28	108	72055	4.30	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.38	45	128695	4.81	ng/ul	99
14) Acetophenone	8.66	105	122399	4.35	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.65	70	65459	4.44	ng/ul	95
16) 4-Methylphenol	8.60	108	80111	4.42	ng/ul	97
17) Hexachloroethane	8.93	117	30641	4.32	ng/ul	95
20) Nitrobenzene	9.04	77	97975	4.51	ng/ul	99
21) Isophorone	9.56	82	180316	4.31	ng/ul	99
23) 2-Nitrophenol	9.75	139	37548	4.57	ng/ul	96
24) 2,4-Dimethylphenol	9.81	107	98922	4.44	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	104283	4.48	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	75227	4.59	ng/ul#	88
28) Naphthalene	10.69	128	240211	4.47	ng/ul	99
30) 4-Chloroaniline	10.79	127	84834	4.40	ng/ul	100
31) Hexachlorobutadiene	10.97	225	53815	4.63	ng/ul	99
32) Caprolactam	11.57	113	21930	4.02	ng/ul	84
33) 4-Chloro-3-methylphenol	11.91	107	89053	4.43	ng/ul	94
34) 2-Methylnaphthalene	12.30	142	177972	4.47	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	90555	4.33 ng/ul#	94
37) Hexachlorocyclopentadiene	12.64	237	49260	3.57 ng/ul	99
38) 2,4,6-Trichlorophenol	12.91	196	56923	4.27 ng/ul	92
39) 2,4,5-Trichlorophenol	12.97	196	61353	4.24 ng/ul	96
40) 1,1'-Biphenyl	13.31	154	239993	4.42 ng/ul	99
41) 2-Chloronaphthalene	13.35	162	185773	4.46 ng/ul	100
42) 2-Nitroaniline	13.56	65	54552	4.04 ng/ul	96
44) Dimethylphthalate	13.93	163	246436	4.45 ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	39834	4.02 ng/ul	86
47) Acenaphthylene	14.20	152	310622	4.42 ng/ul	99
48) 3-Nitroaniline	14.38	138	42748	4.22 ng/ul	92
49) Acenaphthene	14.54	153	200158	4.47 ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	7113	1.41 ng/ul	96
52) 4-Nitrophenol	14.68	109	48498	4.06 ng/ul	96
53) Dibenzofuran	14.87	168	288607	4.45 ng/ul	94
54) 2,4-Dinitrotoluene	14.84	165	58515	3.96 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.10	232	50831	4.07 ng/ul	94
56) Diethylphthalate	15.29	149	254572	4.38 ng/ul	97
58) Fluorene	15.52	166	234877	4.37 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	120447	4.54 ng/ul	92
60) 4-Nitroaniline	15.53	138	49308	4.30 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.59	198	18934	2.52 ng/ul#	70
64) N-Nitrosodiphenylamine	15.73	169	201085	4.69 ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	71475	4.74 ng/ul	92
66) Hexachlorobenzene	16.53	284	79435	4.57 ng/ul	94
67) Atrazine	16.68	200	71859	4.25 ng/ul	97
68) Pentachlorophenol	16.87	266	36034m	3.41 ng/ul	
69) Phenanthrene	17.26	178	375684m	4.69 ng/ul	
71) Anthracene	17.35	178	369528	4.49 ng/ul	98
72) Carbazole	17.61	167	334507	4.51 ng/ul	99
73) Di-n-butylphthalate	18.19	149	394643	4.46 ng/ul	98
74) Fluoranthene	19.27	202	412003	4.49 ng/ul#	95
77) Pyrene	19.64	202	421828	5.11 ng/ul#	96
78) Butylbenzylphthalate	20.54	149	150542	4.49 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.32	252	104077	4.16 ng/ul#	98
80) Benzo(a)anthracene	21.39	228	361684	4.58 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	212108	4.35 ng/ul	99
82) Chrysene	21.44	228	338640	4.65 ng/ul	99
84) Di-n-octyl phthalate	22.22	149	301721	4.05 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	336468	4.87 ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	259509	4.40 ng/ul	100
88) Benzo(a)pyrene	23.60	252	275124	4.53 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.04	276	275531	4.35 ng/ul	96
90) Dibenzo(a,h)anthracene	26.05	278	233786	4.39 ng/ul	99
91) Benzo(g,h,i)perylene	26.75	276	229154	4.41 ng/ul	97

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

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