Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000104.D
Acq On : 02 Jan 2015 11:27
Operator : TP/IZ
Sample : MDL-02-S-ML
Misc : MDL-02-SOIL-4PPM-ML
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:38:44 PM

Quant Time: Jan 03 04:55:01 2015
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	312649	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1370645	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	991219	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	2068239	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	2225393	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	1866419	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	46646	8.65	ng/uL	-0.01
5) Phenol-d5	7.00	99	786071	29.02	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	486206	29.36	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	572036	29.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	624128	29.17	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	299239	31.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	328343m	33.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	617795m	28.79	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	842851	34.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2225675	30.44	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2562636	29.26	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	352912	29.88	ng/ul	0.00
57) Fluorene-d10	15.47	176	1844801	29.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	213008	20.77	ng/ul	0.00
70) Anthracene-d10	17.32	188	2876116	30.07	ng/ul	0.00
76) Pyrene-d10	19.61	212	3248514	31.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	2688613m	31.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	16584	2.22	ng/uL	95
4) Benzaldehyde	6.98	77	47407	2.81	ng/ul	98
6) Phenol	7.02	94	61981	2.20	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.26	93	53310	2.47	ng/ul	93
10) 2-Chlorophenol	7.40	128	46406	2.30	ng/ul	95
11) 2-Methylphenol	8.28	108	47200	2.17	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	86935	2.50	ng/ul	98
14) Acetophenone	8.65	105	84718	2.32	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	45670	2.39	ng/ul	93
16) 4-Methylphenol	8.60	108	54185	2.30	ng/ul	99
17) Hexachloroethane	8.92	117	21515	2.33	ng/ul	90
20) Nitrobenzene	9.03	77	71148	2.52	ng/ul	98
21) Isophorone	9.56	82	123941	2.28	ng/ul	98
23) 2-Nitrophenol	9.74	139	28153	2.63	ng/ul	90
24) 2,4-Dimethylphenol	9.80	107	67839	2.34	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.04	93	70049	2.31	ng/ul#	96
27) 2,4-Dichlorophenol	10.28	162	50541	2.37	ng/ul#	89
28) Naphthalene	10.68	128	165537	2.37	ng/ul	98
30) 4-Chloroaniline	10.79	127	64034	2.55	ng/ul	99
31) Hexachlorobutadiene	10.96	225	36609	2.42	ng/ul	98
32) Caprolactam	11.58	113	15142m	2.13	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	58636	2.24	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	126045	2.43	ng/ul	98

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Quant Time: Jan 03 04:55:01 2015
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)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	64850	2.36 ng/ul#	95
37) Hexachlorocyclopentadiene	12.64	237	30408	1.67 ng/ul	93
38) 2,4,6-Trichlorophenol	12.89	196	37475	2.14 ng/ul	98
39) 2,4,5-Trichlorophenol	12.96	196	40784	2.14 ng/ul	97
40) 1,1'-Biphenyl	13.31	154	163844	2.29 ng/ul	97
41) 2-Chloronaphthalene	13.34	162	128070	2.34 ng/ul	97
42) 2-Nitroaniline	13.55	65	39045	2.20 ng/ul	93
44) Dimethylphthalate	13.92	163	178275	2.45 ng/ul	97
45) 2,6-Dinitrotoluene	14.05	165	29662	2.28 ng/ul	96
47) Acenaphthylene	14.20	152	215397	2.33 ng/ul	99
48) 3-Nitroaniline	14.37	138	29706	2.23 ng/ul	95
49) Acenaphthene	14.54	153	137532	2.34 ng/ul	96
50) 2,4-Dinitrophenol	14.57	184	6449	0.98 ng/ul	91
52) 4-Nitrophenol	14.68	109	40407	2.57 ng/ul	90
53) Dibenzofuran	14.87	168	201163	2.36 ng/ul	96
54) 2,4-Dinitrotoluene	14.83	165	45039	2.32 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.10	232	36252	2.21 ng/ul	95
56) Diethylphthalate	15.29	149	181523	2.37 ng/ul	98
58) Fluorene	15.52	166	169633	2.40 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.51	204	85982	2.46 ng/ul	98
60) 4-Nitroaniline	15.53	138	34746	2.31 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.59	198	17575	1.67 ng/ul#	70
64) N-Nitrosodiphenylamine	15.73	169	142870	2.38 ng/ul	100
65) 4-Bromophenyl-phenylether	16.40	248	50552	2.40 ng/ul#	85
66) Hexachlorobenzene	16.52	284	61530	2.53 ng/ul	94
67) Atrazine	16.68	200	53428	2.26 ng/ul	99
68) Pentachlorophenol	16.86	266	23903m	1.62 ng/ul	
69) Phenanthrene	17.26	178	282796m	2.53 ng/ul	
71) Anthracene	17.35	178	277258	2.41 ng/ul	99
72) Carbazole	17.61	167	249070	2.40 ng/ul	97
73) Di-n-butylphthalate	18.17	149	294201	2.38 ng/ul#	97
74) Fluoranthene	19.27	202	327800	2.55 ng/ul	99
77) Pyrene	19.64	202	346138	2.58 ng/ul	100
78) Butylbenzylphthalate	20.54	149	129244	2.37 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.32	252	86793	2.13 ng/ul	97
80) Benzo(a)anthracene	21.39	228	319771	2.49 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	188125	2.37 ng/ul#	97
82) Chrysene	21.43	228	291501	2.46 ng/ul	100
84) Di-n-octyl phthalate	22.21	149	309190	2.41 ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	291697	2.45 ng/ul	99
86) Benzo(k)fluoranthene	23.04	252	261537	2.57 ng/ul	97
88) Benzo(a)pyrene	23.59	252	271187	2.59 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.03	276	254234	2.33 ng/ul	98
90) Dibenzo(a,h)anthracene	26.04	278	217978	2.37 ng/ul	97
91) Benzo(g,h,i)perylene	26.74	276	206285	2.30 ng/ul	97

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

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