Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000115.D
Acq On : 02 Jan 2015 18:55
Operator : TP/IZ
Sample : MDL-05-S-ML
Misc : MDL-05-SOIL-8PPM-ML
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-05-S-ML

Quant Time: Jan 05 00:28:17 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 05 00:18:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	275197	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1185534	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	840540	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1678064	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1422746	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	1147377	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	24412	5.14	ng/uL	0.00
5) Phenol-d5	7.00	99	623079	26.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	378451	25.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	455595	26.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	496891	26.38	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	232217	28.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	255472	30.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	480160	25.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	638689	30.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1718783	27.73	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1951748	26.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	251521	25.12	ng/ul	-0.01
57) Fluorene-d10	15.47	176	1418988	26.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	144110	17.32	ng/ul	0.00
70) Anthracene-d10	17.32	188	2131840	27.47	ng/ul	0.00
76) Pyrene-d10	19.60	212	2175062	33.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1480137	28.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	27754	4.22	ng/uL	93
4) Benzaldehyde	6.97	77	82473	5.55	ng/ul	98
6) Phenol	7.02	94	115656	4.66	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.26	93	91965	4.85	ng/ul	96
10) 2-Chlorophenol	7.40	128	83912	4.72	ng/ul	98
11) 2-Methylphenol	8.26	108	88068	4.60	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.37	45	149483	4.89	ng/ul	99
14) Acetophenone	8.65	105	147174	4.58	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.64	70	81924	4.87	ng/ul	97
16) 4-Methylphenol	8.60	108	96148	4.64	ng/ul	100
17) Hexachloroethane	8.92	117	37413	4.61	ng/ul#	91
20) Nitrobenzene	9.03	77	123580	5.06	ng/ul	97
21) Isophorone	9.56	82	218298	4.63	ng/ul	98
23) 2-Nitrophenol	9.74	139	48777	5.28	ng/ul#	91
24) 2,4-Dimethylphenol	9.80	107	121799	4.86	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.04	93	125398	4.78	ng/ul	97
27) 2,4-Dichlorophenol	10.28	162	89487	4.85	ng/ul	91
28) Naphthalene	10.68	128	287952	4.76	ng/ul	99
30) 4-Chloroaniline	10.79	127	100691	4.64	ng/ul	98
31) Hexachlorobutadiene	10.96	225	64833	4.96	ng/ul	94
32) Caprolactam	11.57	113	25622	4.17	ng/ul	83
33) 4-Chloro-3-methylphenol	11.90	107	105565	4.66	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	216906	4.84	ng/ul	99

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 05 00:18:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	113253	4.86	ng/ul#	98
37) Hexachlorocyclopentadiene	12.64	237	56859	3.69	ng/ul	98
38) 2,4,6-Trichlorophenol	12.89	196	69339	4.66	ng/ul	98
39) 2,4,5-Trichlorophenol	12.96	196	79675	4.93	ng/ul	97
40) 1,1'-Biphenyl	13.31	154	294518	4.86	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	230126	4.96	ng/ul	98
42) 2-Nitroaniline	13.55	65	73480	4.88	ng/ul	97
44) Dimethylphthalate	13.92	163	305754	4.95	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	53172	4.81	ng/ul	97
47) Acenaphthylene	14.20	152	368964	4.71	ng/ul	99
48) 3-Nitroaniline	14.37	138	53917	4.77	ng/ul	97
49) Acenaphthene	14.53	153	242246	4.85	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	9097	1.62	ng/ul	94
52) 4-Nitrophenol	14.68	109	62997	4.73	ng/ul	92
53) Dibenzofuran	14.87	168	346517	4.79	ng/ul	99
54) 2,4-Dinitrotoluene	14.83	165	80380	4.88	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.09	232	65523	4.71	ng/ul	96
56) Diethylphthalate	15.29	149	319834	4.93	ng/ul	98
58) Fluorene	15.52	166	291046	4.85	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.51	204	148302	5.01	ng/ul	98
60) 4-Nitroaniline	15.53	138	56888	4.45	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.59	198	27101	3.18	ng/ul#	92
64) N-Nitrosodiphenylamine	15.73	169	245857	5.05	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	86556	5.06	ng/ul#	84
66) Hexachlorobenzene	16.52	284	101086	5.13	ng/ul	96
67) Atrazine	16.68	200	92009	4.79	ng/ul	97
68) Pentachlorophenol	16.86	266	40600	3.39	ng/ul	97
69) Phenanthrene	17.26	178	464358	5.11	ng/ul	99
71) Anthracene	17.34	178	452708	4.85	ng/ul	99
72) Carbazole	17.61	167	405754	4.82	ng/ul	98
73) Di-n-butylphthalate	18.17	149	504967	5.03	ng/ul	98
74) Fluoranthene	19.27	202	503788	4.84	ng/ul	98
77) Pyrene	19.64	202	507873	5.92	ng/ul	98
78) Butylbenzylphthalate	20.53	149	189890	5.45	ng/ul#	81
79) 3,3'-Dichlorobenzidine	21.32	252	115394	4.44	ng/ul	98
80) Benzo(a)anthracene	21.39	228	410652	5.00	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	265566	5.24	ng/ul#	97
82) Chrysene	21.43	228	378466	5.00	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	390321	4.95	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	368488	5.03	ng/ul	98
86) Benzo(k)fluoranthene	23.04	252	323190	5.17	ng/ul	99
88) Benzo(a)pyrene	23.59	252	319441	4.97	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.01	276	351726	5.24	ng/ul	97
90) Dibenzo(a,h)anthracene	26.04	278	302067	5.35	ng/ul#	95
91) Benzo(g,h,i)perylene	26.73	276	291408	5.29	ng/ul	98

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

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