Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002511.D
Acq On : 20 Aug 2015 03:22
Operator : UM/IZ
Sample : MDL-02-S-ML
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:18 PM

Quant Time: Aug 20 05:42:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 05:32:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	122591	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	598811	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	340600	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	740233	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	811044	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	823619	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	15725	5.93	ng/uL	0.00
5) Phenol-d5	7.93	99	348994	31.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	198840	30.37	ng/ul	0.00
9) 2-Chlorophenol-d4	8.33	132	311642	34.01	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	314141	33.07	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	166558	37.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	179660	45.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	294616	33.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	469942	40.65	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	994627	35.47	ng/ul	0.00
47) Acenaphthylene-d8	15.11	160	1235660	35.02	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	190373	37.62	ng/ul	0.00
58) Fluorene-d10	16.38	176	837830	34.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	143460	49.32	ng/ul	0.00
71) Anthracene-d10	18.22	188	1304043	36.31	ng/ul	0.00
79) Pyrene-d10	20.44	212	1383637	35.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1623144	37.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1561	0.52	ng/uL#	17
4) Benzaldehyde	7.93	77	19408	2.97	ng/ul	94
6) Phenol	7.96	94	29948	2.64	ng/ul	97
8) Bis(2-Chloroethyl)ether	8.20	93	25603	2.93	ng/ul	92
10) 2-Chlorophenol	8.37	128	26304	2.81	ng/ul	92
11) 2-Methylphenol	9.25	108	23652	2.63	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.35	45	34190	2.19	ng/ul#	94
14) Acetophenone	9.66	105	42064	2.97	ng/ul#	93
15) N-Nitroso-di-n-propylamine	9.63	70	20520	2.70	ng/ul	93
16) 4-Methylphenol	9.59	108	27053	2.75	ng/ul	99
17) Hexachloroethane	9.93	117	9456	2.56	ng/ul	87
20) Nitrobenzene	10.06	77	27996	2.69	ng/ul	93
21) Isophorone	10.57	82	56486	2.72	ng/ul	95
23) 2-Nitrophenol	10.78	139	16447	3.64	ng/ul	90
24) 2,4-Dimethylphenol	10.81	107	28346	2.56	ng/ul	95
25) Bis(2-Chloroethoxy)methane	11.05	93	34347	2.67	ng/ul	98
27) 2,4-Dichlorophenol	11.32	162	25426	3.04	ng/ul	87
28) Naphthalene	11.74	128	91970	2.92	ng/ul	100
30) 4-Chloroaniline	11.83	127	41239	3.59	ng/ul	99
31) Hexachlorobutadiene	11.99	225	14294	2.95	ng/ul	95
32) Caprolactam	12.59	113	9808m	2.84	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	27706	2.64	ng/ul	92
34) 2-Methylnaphthalene	13.29	142	67497	3.00	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	29741	3.04	ng/ul#	95
38) Hexachlorocyclopentadiene	13.60	237	6449	1.11	ng/ul	97
39) 2,4,6-Trichlorophenol	13.86	196	18249	3.00	ng/ul	96
40) 2,4,5-Trichlorophenol	13.94	196	20099	2.94	ng/ul	98
41) 1,1'-Biphenyl	14.25	154	86847	3.02	ng/ul	98
42) 2-Chloronaphthalene	14.31	162	65686	3.00	ng/ul	96
43) 2-Nitroaniline	14.50	65	17276	2.60	ng/ul#	83
45) Dimethylphthalate	14.83	163	87194	3.05	ng/ul	98
46) 2,6-Dinitrotoluene	14.97	165	16848	3.15	ng/ul	90
48) Acenaphthylene	15.14	152	112014	3.06	ng/ul	100
49) 3-Nitroaniline	15.30	138	20404	3.52	ng/ul#	85
50) Acenaphthene	15.47	153	73584	2.99	ng/ul	99
51) 2,4-Dinitrophenol	15.51	184	3797	2.05	ng/ul#	1
53) 4-Nitrophenol	15.58	109	10087	2.72	ng/ul	94
54) Dibenzofuran	15.79	168	101469	3.09	ng/ul	98
55) 2,4-Dinitrotoluene	15.74	165	24810	3.26	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	16.01	232	14331	2.76	ng/ul#	92
57) Diethylphthalate	16.16	149	90530	2.96	ng/ul	100
59) Fluorene	16.43	166	85675	3.09	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.40	204	38762	3.05	ng/ul	94
61) 4-Nitroaniline	16.44	138	21372	3.19	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.50	198	12652	3.87	ng/ul#	86
65) N-Nitrosodiphenylamine	16.62	169	72618	2.99	ng/ul	98
66) 4-Bromophenyl-phenylether	17.29	248	23328	3.02	ng/ul	96
67) Hexachlorobenzene	17.42	284	26771	3.04	ng/ul	98
68) Atrazine	17.52	200	25924	3.07	ng/ul	98
69) Pentachlorophenol	17.76	266	5855	1.35	ng/ul	97
70) Phenanthrene	18.16	178	136167	3.20	ng/ul	99
72) Anthracene	18.24	178	138957	3.16	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	28087	2.79	ng/uL	99
74) Pentachlorobenzene	15.72	250	28945	2.97	ng/uL	98
75) Carbazole	18.50	167	127989	3.21	ng/ul	99
76) Di-n-butylphthalate	18.99	149	159867	2.99	ng/ul	99
77) Fluoranthene	20.10	202	154891	3.44	ng/ul	100
80) Pyrene	20.46	202	166080	3.17	ng/ul	97
81) Butylbenzylphthalate	21.27	149	76295	2.95	ng/ul	92
82) 3,3'-Dichlorobenzidine	22.09	252	59887	3.84	ng/ul	99
83) Benzo(a)anthracene	22.18	228	159304	3.22	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	112075	2.99	ng/ul	100
85) Chrysene	22.24	228	149710	3.19	ng/ul	98
87) Di-n-octyl phthalate	23.01	149	193992	3.08	ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	160695	3.14	ng/ul	99
89) Benzo(k)fluoranthene	24.08	252	154985	3.15	ng/ul	99
91) Benzo(a)pyrene	24.73	252	160526	3.28	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	27.64	276	180800	3.22	ng/ul	98
93) Dibenzo(a,h)anthracene	27.64	278	151556	3.19	ng/ul	99
94) Benzo(g,h,i)perylene	28.51	276	149506	3.16	ng/ul	100

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

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