Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002498.D
Acq On : 19 Aug 2015 19:28
Operator : UM/IZ
Sample : MDL-07-W
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-07-W

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:18 PM

Quant Time: Aug 20 03:37:21 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 02:27:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	87618	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	424882	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	245411	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	537618	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	599031	20.00	ng/ul	-0.01
86) Perylene-d12	24.86	264	631550	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	11692	6.16	ng/uL	0.00
5) Phenol-d5	7.93	99	253453	31.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	144072	30.79	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	225491	34.43	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	225082	33.15	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	118992	37.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	128613	45.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.30	165	212249	34.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	335456	40.90	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	718007	35.54	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	895210	35.21	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	132983	36.47	ng/ul	-0.01
58) Fluorene-d10	16.39	176	607448	34.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	96776	45.81	ng/ul	-0.01
71) Anthracene-d10	18.22	188	941552	36.09	ng/ul	0.00
79) Pyrene-d10	20.44	212	1005443	34.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1216313	36.27	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	1094	0.51	ng/uL#	37
4) Benzaldehyde	7.93	77	13663	2.92	ng/ul	91
6) Phenol	7.96	94	21280	2.62	ng/ul	91
8) Bis(2-Chloroethyl)ether	8.21	93	18089	2.89	ng/ul	90
10) 2-Chlorophenol	8.37	128	18393	2.75	ng/ul	93
11) 2-Methylphenol	9.26	108	16594	2.58	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.35	45	23702	2.13	ng/ul#	93
14) Acetophenone	9.66	105	30088	2.98	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.63	70	14036	2.58	ng/ul#	96
16) 4-Methylphenol	9.59	108	18606	2.64	ng/ul	99
17) Hexachloroethane	9.94	117	6511	2.47	ng/ul	84
20) Nitrobenzene	10.06	77	19438	2.63	ng/ul	94
21) Isophorone	10.58	82	40009	2.71	ng/ul	98
23) 2-Nitrophenol	10.79	139	11201	3.49	ng/ul	91
24) 2,4-Dimethylphenol	10.81	107	20360	2.59	ng/ul	96
25) Bis(2-Chloroethoxy)methane	11.05	93	24707	2.71	ng/ul	99
27) 2,4-Dichlorophenol	11.32	162	17633	2.97	ng/ul#	88
28) Naphthalene	11.75	128	64321	2.88	ng/ul	99
30) 4-Chloroaniline	11.83	127	28315	3.48	ng/ul	99
31) Hexachlorobutadiene	11.99	225	9780	2.85	ng/ul	99
32) Caprolactam	12.59	113	6800m	2.77	ng/ul	
33) 4-Chloro-3-methylphenol	12.90	107	19973	2.68	ng/ul	92
34) 2-Methylnaphthalene	13.29	142	46381	2.90	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	20290	2.88 ng/ul	96
38) Hexachlorocyclopentadiene	13.60	237	3621	0.87 ng/ul	98
39) 2,4,6-Trichlorophenol	13.87	196	12760	2.91 ng/ul	98
40) 2,4,5-Trichlorophenol	13.94	196	13999	2.84 ng/ul	97
41) 1,1'-Biphenyl	14.26	154	59868	2.88 ng/ul	96
42) 2-Chloronaphthalene	14.32	162	45221	2.87 ng/ul	98
43) 2-Nitroaniline	14.50	65	12114	2.53 ng/ul#	83
45) Dimethylphthalate	14.83	163	60215	2.92 ng/ul	98
46) 2,6-Dinitrotoluene	14.97	165	11234	2.91 ng/ul	88
48) Acenaphthylene	15.15	152	78151	2.96 ng/ul	99
49) 3-Nitroaniline	15.30	138	13890	3.33 ng/ul	90
50) Acenaphthene	15.47	153	51126	2.88 ng/ul	99
51) 2,4-Dinitrophenol	15.52	184	2044	1.53 ng/ul#	1
53) 4-Nitrophenol	15.59	109	6648	2.48 ng/ul#	85
54) Dibenzofuran	15.80	168	71096	3.00 ng/ul	97
55) 2,4-Dinitrotoluene	15.75	165	16925	3.09 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	16.02	232	9950	2.66 ng/ul#	94
57) Diethylphthalate	16.16	149	61159	2.77 ng/ul	98
59) Fluorene	16.44	166	59982	3.00 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.41	204	27261	2.97 ng/ul	94
61) 4-Nitroaniline	16.44	138	14628	3.03 ng/ul	88
64) 4,6-Dinitro-2-methylphenol	16.51	198	8234	3.47 ng/ul#	93
65) N-Nitrosodiphenylamine	16.62	169	51168	2.90 ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	15656	2.79 ng/ul	99
67) Hexachlorobenzene	17.43	284	18761	2.93 ng/ul	99
68) Atrazine	17.53	200	17481	2.85 ng/ul	99
69) Pentachlorophenol	17.77	266	3166	1.01 ng/ul	98
70) Phenanthrene	18.16	178	95378	3.08 ng/ul	100
72) Anthracene	18.25	178	97203	3.04 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	19292	2.64 ng/uL	98
74) Pentachlorobenzene	15.72	250	19829	2.80 ng/uL	97
75) Carbazole	18.51	167	89176	3.08 ng/ul	99
76) Di-n-butylphthalate	18.99	149	110243	2.84 ng/ul	99
77) Fluoranthene	20.11	202	106587	3.26 ng/ul	98
80) Pyrene	20.47	202	115255	2.98 ng/ul	96
81) Butylbenzylphthalate	21.27	149	52920	2.77 ng/ul	88
82) 3,3'-Dichlorobenzidine	22.09	252	42912	3.73 ng/ul	98
83) Benzo(a)anthracene	22.19	228	112344	3.07 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	78920	2.85 ng/ul	99
85) Chrysene	22.24	228	104488	3.02 ng/ul	99
87) Di-n-octyl phthalate	23.02	149	138986	2.88 ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	119749	3.05 ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	107124	2.84 ng/ul	98
91) Benzo(a)pyrene	24.74	252	116319	3.10 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	27.66	276	137598	3.20 ng/ul	96
93) Dibenzo(a,h)anthracene	27.66	278	115254	3.16 ng/ul	99
94) Benzo(g,h,i)perylene	28.53	276	114735	3.16 ng/ul	98

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

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