Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002495.D
Acq On : 19 Aug 2015 17:37
Operator : UM/IZ
Sample : MDL-04-W
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:35:50 PM

Quant Time: Aug 20 03:28:10 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	116135	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	560657	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	323087	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	708994	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	760985	20.00	ng/ul	-0.01
86) Perylene-d12	24.86	264	766008	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	15247	6.07	ng/uL	0.00
5) Phenol-d5	7.93	99	332594	31.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.12	67	190486	30.71	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	300912	34.66	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	299354	33.27	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	158770	37.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.76	143	172808	46.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.30	165	282394	34.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.82	131	456118	42.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	967670	36.38	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	1192411	35.63	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	182174	37.95	ng/ul	0.00
58) Fluorene-d10	16.39	176	806949	34.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.50	200	140347	50.37	ng/ul	0.00
71) Anthracene-d10	18.22	188	1269425	36.90	ng/ul	0.00
79) Pyrene-d10	20.44	212	1337640	36.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	1536921	37.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1528	0.54	ng/uL#	1
4) Benzaldehyde	7.93	77	18567	3.00	ng/ul	99
6) Phenol	7.96	94	27684	2.57	ng/ul	93
8) Bis(2-Chloroethyl)ether	8.21	93	24095	2.91	ng/ul	95
10) 2-Chlorophenol	8.37	128	24364	2.75	ng/ul#	91
11) 2-Methylphenol	9.26	108	22404	2.63	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.35	45	31622	2.14	ng/ul	95
14) Acetophenone	9.66	105	39414	2.94	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.63	70	18681	2.60	ng/ul	97
16) 4-Methylphenol	9.59	108	25136	2.69	ng/ul	100
17) Hexachloroethane	9.94	117	8782	2.51	ng/ul	90
20) Nitrobenzene	10.06	77	26448	2.71	ng/ul	92
21) Isophorone	10.58	82	53732	2.76	ng/ul	97
23) 2-Nitrophenol	10.79	139	15068	3.56	ng/ul	94
24) 2,4-Dimethylphenol	10.82	107	27583	2.66	ng/ul	97
25) Bis(2-Chloroethoxy)methane	11.05	93	33089	2.75	ng/ul	99
27) 2,4-Dichlorophenol	11.32	162	23612	3.01	ng/ul#	85
28) Naphthalene	11.75	128	84891	2.88	ng/ul	99
30) 4-Chloroaniline	11.84	127	38561	3.59	ng/ul	96
31) Hexachlorobutadiene	12.00	225	13215	2.92	ng/ul	95
32) Caprolactam	12.60	113	9460m	2.92	ng/ul	
33) 4-Chloro-3-methylphenol	12.90	107	26717	2.72	ng/ul	89
34) 2-Methylnaphthalene	13.29	142	61682	2.92	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.65	216	27594	2.98	ng/ul	96
38) Hexachlorocyclopentadiene	13.61	237	5808	1.06	ng/ul	98
39) 2,4,6-Trichlorophenol	13.87	196	17698	3.06	ng/ul	98
40) 2,4,5-Trichlorophenol	13.94	196	19111	2.95	ng/ul	99
41) 1,1'-Biphenyl	14.26	154	80745	2.96	ng/ul	98
42) 2-Chloronaphthalene	14.32	162	60516	2.91	ng/ul	97
43) 2-Nitroaniline	14.50	65	16280	2.59	ng/ul#	86
45) Dimethylphthalate	14.83	163	82057	3.02	ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	15545	3.06	ng/ul	94
48) Acenaphthylene	15.14	152	103649	2.98	ng/ul	99
49) 3-Nitroaniline	15.30	138	18727	3.41	ng/ul#	86
50) Acenaphthene	15.47	153	68258	2.92	ng/ul	98
51) 2,4-Dinitrophenol	15.52	184	3595	2.05	ng/ul#	1
53) 4-Nitrophenol	15.59	109	9581	2.72	ng/ul	85
54) Dibenzofuran	15.80	168	94892	3.04	ng/ul	97
55) 2,4-Dinitrotoluene	15.75	165	23624	3.28	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	16.02	232	13580	2.75	ng/ul#	97
57) Diethylphthalate	16.16	149	85262	2.94	ng/ul	98
59) Fluorene	16.44	166	80652	3.06	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.41	204	36566	3.03	ng/ul	96
61) 4-Nitroaniline	16.44	138	20942	3.29	ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	16.51	198	11582	3.70	ng/ul#	71
65) N-Nitrosodiphenylamine	16.62	169	69000	2.97	ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	21956	2.96	ng/ul	94
67) Hexachlorobenzene	17.43	284	25498	3.02	ng/ul	97
68) Atrazine	17.53	200	25474	3.15	ng/ul	97
69) Pentachlorophenol	17.77	266	5329	1.29	ng/ul	93
70) Phenanthrene	18.16	178	128023	3.14	ng/ul	99
72) Anthracene	18.25	178	130448	3.09	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.24	216	26302	2.73	ng/uL	99
74) Pentachlorobenzene	15.72	250	26792	2.87	ng/uL	97
75) Carbazole	18.51	167	121184	3.18	ng/ul	100
76) Di-n-butylphthalate	18.99	149	154997	3.03	ng/ul	99
77) Fluoranthene	20.11	202	146207	3.39	ng/ul	99
80) Pyrene	20.47	202	153750	3.13	ng/ul	97
81) Butylbenzylphthalate	21.27	149	72322	2.98	ng/ul	91
82) 3,3'-Dichlorobenzidine	22.09	252	56084	3.84	ng/ul	97
83) Benzo(a)anthracene	22.19	228	148440	3.20	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	106785	3.04	ng/ul	99
85) Chrysene	22.24	228	139250	3.16	ng/ul	99
87) Di-n-octyl phthalate	23.02	149	184434	3.15	ng/ul	100
88) Benzo(b)fluoranthene	24.04	252	149027	3.13	ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	144018	3.15	ng/ul	98
91) Benzo(a)pyrene	24.74	252	147446	3.24	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.66	276	163778	3.14	ng/ul	98
93) Dibenzo(a,h)anthracene	27.66	278	138023	3.12	ng/ul	98
94) Benzo(g,h,i)perylene	28.53	276	134169	3.05	ng/ul	97

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

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