Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081815\
Data File : BG018458.D
Acq On : 18 Aug 2015 11:04
Operator : UM/MA
Sample : MDL-02-S-ML
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:12:36 PM

Quant Time: Aug 19 01:20:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 00:53:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	113422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	511979	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	322848	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	823382	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	842377	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	827910	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	16858	6.57	ng/uL	0.00
5) Phenol-d5	7.17	99	352184	34.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	225643	35.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	265429	33.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	300000	34.69	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	145408	36.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	147287	36.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	281123	32.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	408075	41.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	968053	35.64	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1183186	34.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	199091	40.75	ng/ul	0.00
58) Fluorene-d10	15.63	176	848118	35.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	142513	35.19	ng/ul	0.00
71) Anthracene-d10	17.48	188	1386308	35.20	ng/ul	0.00
79) Pyrene-d10	19.76	212	1536024	35.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	1633247	37.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	2140	0.78	ng/uL#	84
4) Benzaldehyde	7.15	77	23107	3.83	ng/ul	97
6) Phenol	7.20	94	30041	2.86	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.43	93	26060	3.23	ng/ul	98
10) 2-Chlorophenol	7.58	128	22955	2.86	ng/ul	96
11) 2-Methylphenol	8.45	108	21814	2.68	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.55	45	33779	2.61	ng/ul#	92
14) Acetophenone	8.84	105	41400	3.31	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.82	70	23545	3.28	ng/ul	93
16) 4-Methylphenol	8.78	108	24889	2.80	ng/ul	89
17) Hexachloroethane	9.10	117	10383	3.00	ng/ul	97
20) Nitrobenzene	9.22	77	31736	3.15	ng/ul#	95
21) Isophorone	9.74	82	62997	3.25	ng/ul	95
23) 2-Nitrophenol	9.93	139	13870	3.07	ng/ul	92
24) 2,4-Dimethylphenol	9.98	107	28437	2.81	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.22	93	36794	3.05	ng/ul	97
27) 2,4-Dichlorophenol	10.46	162	23668	2.93	ng/ul#	67
28) Naphthalene	10.87	128	82907	3.06	ng/ul	97
30) 4-Chloroaniline	10.97	127	38151	3.85	ng/ul	92
31) Hexachlorobutadiene	11.16	225	15325	3.00	ng/ul	98
32) Caprolactam	11.76	113	10808m	3.32	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	27069	2.89	ng/ul	94
34) 2-Methylnaphthalene	12.47	142	61624	3.14	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	30945	2.99	ng/ul	94
38) Hexachlorocyclopentadiene	12.83	237	15856	2.57	ng/ul	97
39) 2,4,6-Trichlorophenol	13.08	196	18811	2.67	ng/ul#	85
40) 2,4,5-Trichlorophenol	13.14	196	19429	2.56	ng/ul	96
41) 1,1'-Biphenyl	13.48	154	83697	3.11	ng/ul	90
42) 2-Chloronaphthalene	13.52	162	65158	3.11	ng/ul	96
43) 2-Nitroaniline	13.71	65	19162	2.84	ng/ul#	58
45) Dimethylphthalate	14.09	163	86152	3.22	ng/ul#	96
46) 2,6-Dinitrotoluene	14.21	165	15505	2.91	ng/ul#	96
48) Acenaphthylene	14.37	152	110137	3.21	ng/ul	96
49) 3-Nitroaniline	14.54	138	19803	3.64	ng/ul#	87
50) Acenaphthene	14.71	153	74978	3.12	ng/ul	97
51) 2,4-Dinitrophenol	14.74	184	5645	2.17	ng/ul	92
53) 4-Nitrophenol	14.84	109	14182	3.34	ng/ul#	65
54) Dibenzofuran	15.03	168	105276	3.35	ng/ul	98
55) 2,4-Dinitrotoluene	14.99	165	23895	3.14	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.26	232	18531	2.81	ng/ul	97
57) Diethylphthalate	15.45	149	95851	3.37	ng/ul	98
59) Fluorene	15.69	166	88319	3.26	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.68	204	40830	3.19	ng/ul	98
61) 4-Nitroaniline	15.69	138	20419	3.40	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.76	198	13447	3.11	ng/ul#	80
65) N-Nitrosodiphenylamine	15.89	169	76709	3.10	ng/ul	87
66) 4-Bromophenyl-phenylether	16.57	248	27307	3.07	ng/ul#	87
67) Hexachlorobenzene	16.69	284	29518	3.13	ng/ul#	90
68) Atrazine	16.83	200	30203	3.26	ng/ul	97
69) Pentachlorophenol	17.03	266	13709	2.17	ng/ul#	81
70) Phenanthrene	17.43	178	148636	3.33	ng/ul	100
72) Anthracene	17.51	178	154594	3.40	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	29461	2.59	ng/uL	91
74) Pentachlorobenzene	14.96	250	29848	2.74	ng/uL	95
75) Carbazole	17.78	167	142371	3.57	ng/ul	97
76) Di-n-butylphthalate	18.34	149	185192	3.55	ng/ul	98
77) Fluoranthene	19.43	202	186320	3.91	ng/ul	97
80) Pyrene	19.79	202	196380	3.45	ng/ul	99
81) Butylbenzylphthalate	20.68	149	75597	3.14	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.54	252	60890	3.48	ng/ul	97
83) Benzo(a)anthracene	21.62	228	174810	3.35	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	107440	3.16	ng/ul	100
85) Chrysene	21.69	228	160832	3.29	ng/ul	95
87) Di-n-octyl phthalate	22.75	149	190866	3.57	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	163438	3.14	ng/ul	96
89) Benzo(k)fluoranthene	23.89	252	163110	3.26	ng/ul	97
91) Benzo(a)pyrene	24.69	252	158506	3.20	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.47	276	180774m	3.16	ng/ul	
93) Dibenzo(a,h)anthracene	28.53	278	152844	3.22	ng/ul	97
94) Benzo(g,h,i)perylene	29.61	276	150390	3.13	ng/ul	95

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

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