Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090917\
Data File : BM011479.D
Acq On : 09 Sep 2017 10:19
Operator : SJ/JU
Sample : MDL-W-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
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9/11/2017 2:43:33 PM

Quant Time: Sep 11 09:01:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	391893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1768530	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1056603	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2409066	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	2874837	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	2886673	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	38069	4.37	ng/uL	0.00
5) Phenol-d5	7.13	99	1088415	28.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	798642	31.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	876356	30.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	887516	30.21	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	437072	32.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	441953	31.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	851138	30.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	1215355	39.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	2919203	32.68	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3521351	32.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	456347	27.18	ng/ul	0.00
58) Fluorene-d10	15.60	176	2466089	31.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	362942	25.89	ng/ul	0.00
71) Anthracene-d10	17.44	188	3858798	32.53	ng/ul	0.00
79) Pyrene-d10	19.73	212	4329072	32.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	4481857	32.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	14598	1.529	ng/uL#	62
4) Benzaldehyde	7.12	77	46330	2.155	ng/ul	86
6) Phenol	7.15	94	125663	3.364	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.39	93	109901	3.737	ng/ul#	86
10) 2-Chlorophenol	7.54	128	99956	3.613	ng/ul	97
11) 2-Methylphenol	8.42	108	89185	3.149	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.51	45	175480	3.682	ng/ul	94
14) Acetophenone	8.80	105	160810	3.581	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.78	70	85001	3.528	ng/ul#	84
16) 4-Methylphenol	8.74	108	104504	3.372	ng/ul	90
17) Hexachloroethane	9.06	117	36622	3.463	ng/ul	83
20) Nitrobenzene	9.19	77	118122	3.742	ng/ul	92
21) Isophorone	9.70	82	220265	3.465	ng/ul#	98
23) 2-Nitrophenol	9.89	139	53814	3.670	ng/ul#	93
24) 2,4-Dimethylphenol	9.95	107	109364	3.486	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.19	93	146305	3.530	ng/ul	95
27) 2,4-Dichlorophenol	10.43	162	97242	3.590	ng/ul	93
28) Naphthalene	10.83	128	344538	3.757	ng/ul	97
30) 4-Chloroaniline	10.94	127	119694	4.063	ng/ul	96
31) Hexachlorobutadiene	11.12	225	56296	3.662	ng/ul#	86
32) Caprolactam	11.75	113	26044m	3.054	ng/ul	
33) 4-Chloro-3-methylphenol	12.06	107	87303	3.040	ng/ul	92
34) 2-Methylnaphthalene	12.44	142	243648	3.578	ng/ul	100

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35) 1-Methylnaphthalene	12.66	142	240360	3.706	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	117050	3.735	ng/ul#	95
38) Hexachlorocyclopentadiene	12.78	237	44790	2.550	ng/ul#	99
39) 2,4,6-Trichlorophenol	13.04	196	67188	3.149	ng/ul	97
40) 2,4,5-Trichlorophenol	13.12	196	64345	2.974	ng/ul	97
41) 1,1'-Biphenyl	13.44	154	324132	3.686	ng/ul#	92
42) 2-Chloronaphthalene	13.49	162	244262	3.692	ng/ul	99
43) 2-Nitroaniline	13.69	65	56979	2.773	ng/ul	83
45) Dimethylphthalate	14.06	163	318418	3.723	ng/ul#	98
46) 2,6-Dinitrotoluene	14.17	165	43006	2.847	ng/ul#	83
48) Acenaphthylene	14.33	152	409196	3.763	ng/ul	98
49) 3-Nitroaniline	14.51	138	45735	2.456	ng/ul#	95
50) Acenaphthene	14.67	153	268725	3.658	ng/ul	97
51) 2,4-Dinitrophenol	14.71	184	19646	2.105	ng/ul#	72
53) 4-Nitrophenol	14.80	109	35820m	3.320	ng/ul	
54) Dibenzofuran	15.00	168	385691	3.753	ng/ul	95
55) 2,4-Dinitrotoluene	14.96	165	68783	3.098	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.23	232	63545	3.222	ng/ul#	79
57) Diethylphthalate	15.42	149	316416	3.555	ng/ul	96
59) Fluorene	15.65	166	318980	3.704	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.64	204	147636	3.658	ng/ul	90
61) 4-Nitroaniline	15.67	138	52934	2.653	ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	15.72	198	45973	3.201	ng/ul#	51
65) N-Nitrosodiphenylamine	15.86	169	260581	3.551	ng/ul	98
66) 4-Bromophenyl-phenylether	16.53	248	85272	3.466	ng/ul	93
67) Hexachlorobenzene	16.65	284	97644	3.605	ng/ul#	90
68) Atrazine	16.80	200	77471	3.047	ng/ul	97
69) Pentachlorophenol	16.99	266	44623	2.566	ng/ul	94
70) Phenanthrene	17.39	178	504186	3.755	ng/ul	98
72) Anthracene	17.48	178	516554	3.749	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	117067	3.647	ng/uL	99
74) Pentachlorobenzene	14.92	250	121070	3.719	ng/uL	99
75) Carbazole	17.74	167	425708	3.621	ng/ul	98
76) Di-n-butylphthalate	18.30	149	496775	3.217	ng/ul	100
77) Fluoranthene	19.39	202	550367	3.985	ng/ul#	86
80) Pyrene	19.76	202	636205	3.793	ng/ul#	85
81) Butylbenzylphthalate	20.64	149	222057	2.879	ng/ul#	95
82) 3,3'-Dichlorobenzidine	21.42	252	151152	2.895	ng/ul#	97
83) Benzo(a)anthracene	21.49	228	587961	3.714	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	341898	2.886	ng/ul#	96
85) Chrysene	21.54	228	546414	3.808	ng/ul	99
87) Di-n-octyl phthalate	22.32	149	602705	2.942	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	580521	3.343	ng/ul#	96
89) Benzo(k)fluoranthene	23.20	252	579980	3.477	ng/ul#	96
91) Benzo(a)pyrene	23.77	252	593005	3.618	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.31	276	650420	3.607	ng/ul#	89
93) Dibenzo(a,h)anthracene	26.32	278	544406	3.561	ng/ul#	93
94) Benzo(g,h,i)perylene	27.06	276	550205	3.768	ng/ul#	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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