Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090917\
Data File : BM011482.D
Acq On : 09 Sep 2017 12:10
Operator : SJ/JU
Sample : MDL-W-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-04

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Quant Time: Sep 11 09:09:52 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	391982	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1763587	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1062654	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2381234	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	2800410	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	2745091	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	43073	4.94	ng/uL	0.00
5) Phenol-d5	7.13	99	1118910	29.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	818240	32.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.51	132	897160	31.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	903360	30.74	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	439827	32.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	446682	32.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	862988	30.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	1271273	41.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	2949886	32.84	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3560829	32.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	448230	26.55	ng/ul	0.00
58) Fluorene-d10	15.60	176	2521202	32.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	359051	25.91	ng/ul	0.00
71) Anthracene-d10	17.44	188	3899508	33.25	ng/ul	0.00
79) Pyrene-d10	19.73	212	4379504	33.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	4436258	33.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	14004	1.466	ng/uL#	75
4) Benzaldehyde	7.12	77	44734	2.080	ng/ul	91
6) Phenol	7.15	94	120194	3.217	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.40	93	103499	3.519	ng/ul	88
10) 2-Chlorophenol	7.54	128	93900	3.393	ng/ul	93
11) 2-Methylphenol	8.41	108	84159	2.971	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.51	45	166189	3.486	ng/ul	97
14) Acetophenone	8.80	105	151183	3.366	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.78	70	78007	3.237	ng/ul#	83
16) 4-Methylphenol	8.73	108	99446	3.208	ng/ul	95
17) Hexachloroethane	9.06	117	34001	3.214	ng/ul#	77
20) Nitrobenzene	9.18	77	109977	3.494	ng/ul	92
21) Isophorone	9.71	82	205789	3.247	ng/ul#	97
23) 2-Nitrophenol	9.89	139	50367	3.444	ng/ul#	91
24) 2,4-Dimethylphenol	9.95	107	102417	3.273	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.19	93	137324	3.323	ng/ul	97
27) 2,4-Dichlorophenol	10.43	162	90009	3.332	ng/ul	96
28) Naphthalene	10.83	128	320195	3.501	ng/ul	99
30) 4-Chloroaniline	10.95	127	118773	4.043	ng/ul	95
31) Hexachlorobutadiene	11.12	225	54259	3.539	ng/ul	94
32) Caprolactam	11.75	113	23819m	2.801	ng/ul	
33) 4-Chloro-3-methylphenol	12.06	107	86808	3.031	ng/ul	94
34) 2-Methylnaphthalene	12.44	142	224212	3.301	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	220471	3.408 ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	108102	3.429 ng/ul#	96
38) Hexachlorocyclopentadiene	12.78	237	42703	2.417 ng/ul	94
39) 2,4,6-Trichlorophenol	13.05	196	61789	2.879 ng/ul	97
40) 2,4,5-Trichlorophenol	13.12	196	64192	2.950 ng/ul	98
41) 1,1'-Biphenyl	13.44	154	298414	3.375 ng/ul#	94
42) 2-Chloronaphthalene	13.49	162	225829	3.394 ng/ul	98
43) 2-Nitroaniline	13.69	65	49373	2.389 ng/ul#	82
45) Dimethylphthalate	14.06	163	295529	3.436 ng/ul#	98
46) 2,6-Dinitrotoluene	14.18	165	41666	2.743 ng/ul	99
48) Acenaphthylene	14.33	152	380215	3.477 ng/ul	98
49) 3-Nitroaniline	14.51	138	41574	2.220 ng/ul	96
50) Acenaphthene	14.67	153	251464	3.403 ng/ul	95
51) 2,4-Dinitrophenol	14.72	184	17434	1.858 ng/ul#	83
53) 4-Nitrophenol	14.80	109	34438m	3.174 ng/ul	
54) Dibenzofuran	15.00	168	360511	3.488 ng/ul	97
55) 2,4-Dinitrotoluene	14.96	165	64441	2.886 ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.23	232	58236	2.936 ng/ul#	77
57) Diethylphthalate	15.42	149	289394	3.233 ng/ul	97
59) Fluorene	15.65	166	294439	3.399 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.64	204	138423	3.411 ng/ul	95
61) 4-Nitroaniline	15.67	138	50766m	2.530 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.72	198	43229	3.045 ng/ul#	86
65) N-Nitrosodiphenylamine	15.85	169	240915	3.321 ng/ul	99
66) 4-Bromophenyl-phenylether	16.53	248	78379	3.223 ng/ul#	92
67) Hexachlorobenzene	16.65	284	91617	3.422 ng/ul#	87
68) Atrazine	16.80	200	70221	2.794 ng/ul	98
69) Pentachlorophenol	16.99	266	41389	2.408 ng/ul	93
70) Phenanthrene	17.39	178	461519	3.477 ng/ul	99
72) Anthracene	17.48	178	485399	3.564 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	107661	3.393 ng/uL	94
74) Pentachlorobenzene	14.92	250	110673	3.439 ng/uL	98
75) Carbazole	17.74	167	382537	3.292 ng/ul	98
76) Di-n-butylphthalate	18.30	149	456449	2.991 ng/ul	99
77) Fluoranthene	19.39	202	506779	3.712 ng/ul#	88
80) Pyrene	19.76	202	589683	3.609 ng/ul#	87
81) Butylbenzylphthalate	20.64	149	191037	2.542 ng/ul#	93
82) 3,3'-Dichlorobenzidine	21.42	252	127939	2.516 ng/ul#	98
83) Benzo(a)anthracene	21.49	228	541155	3.510 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.40	149	302870	2.625 ng/ul#	96
85) Chrysene	21.54	228	502455	3.594 ng/ul	98
87) Di-n-octyl phthalate	22.32	149	531070	2.726 ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	520420	3.151 ng/ul#	95
89) Benzo(k)fluoranthene	23.20	252	517611	3.264 ng/ul#	96
91) Benzo(a)pyrene	23.77	252	537826	3.450 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.31	276	589478	3.438 ng/ul#	86
93) Dibenzo(a,h)anthracene	26.33	278	489420	3.366 ng/ul#	94
94) Benzo(g,h,i)perylene	27.06	276	502305	3.617 ng/ul#	90

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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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