Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007269.D
Acq On : 24 Aug 2016 01:19
Operator : UM/SJ
Sample : MDL-07-S-ML
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Manual Integrations APPROVED
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8/24/2016 4:15:40 PM

Quant Time: Aug 24 06:53:27 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 13:53:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	158041	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	792725	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	596250	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1653188	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2435955	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2690055	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8030	2.60	ng/uL	0.00
5) Phenol-d5	6.97	99	326415	21.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	196537	25.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	258332	23.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	295426	22.69	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	143968	24.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	168064	24.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	301177	22.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	441353	26.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1409038	27.39	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1509001	25.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	255977	26.36	ng/ul	0.00
57) Fluorene-d10	15.43	176	1177159	26.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	259347	24.95	ng/ul	0.00
70) Anthracene-d10	17.27	188	2064740	26.74	ng/ul	0.00
76) Pyrene-d10	19.57	212	2677250	26.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	3372493	27.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2008	0.58	ng/uL#	30
4) Benzaldehyde	6.95	77	20897	2.46	ng/ul	95
6) Phenol	6.99	94	27486	1.78	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.23	93	22564	2.09	ng/ul	97
10) 2-Chlorophenol	7.37	128	20628	1.83	ng/ul#	92
11) 2-Methylphenol	8.24	108	19968	1.65	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.33	45	24052	1.98	ng/ul	98
14) Acetophenone	8.62	105	40985	2.05	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.60	70	20745	1.95	ng/ul#	92
16) 4-Methylphenol	8.56	108	24806	1.83	ng/ul	99
17) Hexachloroethane	8.87	117	8380	1.91	ng/ul	96
20) Nitrobenzene	9.00	77	30109	2.01	ng/ul	96
21) Isophorone	9.52	82	60334	1.98	ng/ul	99
23) 2-Nitrophenol	9.70	139	14070	1.90	ng/ul	91
24) 2,4-Dimethylphenol	9.76	107	29769	1.83	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.00	93	33076	1.93	ng/ul	95
27) 2,4-Dichlorophenol	10.23	162	25622	1.91	ng/ul	90
28) Naphthalene	10.64	128	76960	1.95	ng/ul	100
30) 4-Chloroaniline	10.75	127	34874	2.01	ng/ul	98
31) Hexachlorobutadiene	10.92	225	18105	1.99	ng/ul	93
32) Caprolactam	11.53	113	10626m	1.96	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	29407	1.77	ng/ul	95
34) 2-Methylnaphthalene	12.25	142	62542	1.94	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.62	216	38720	1.95	ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	17135	1.43	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	23672	1.69	ng/ul	95
39) 2,4,5-Trichlorophenol	12.93	196	25951	1.77	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	91454	1.98	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	70574	1.95	ng/ul	97
42) 2-Nitroaniline	13.52	65	19963	1.69	ng/ul	97
44) Dimethylphthalate	13.89	163	112345	2.19	ng/ul	98
45) 2,6-Dinitrotoluene	14.01	165	18727	1.79	ng/ul	88
47) Acenaphthylene	14.15	152	124933	2.04	ng/ul	99
48) 3-Nitroaniline	14.34	138	19337	1.81	ng/ul	99
49) Acenaphthene	14.50	153	80736	2.02	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	8679	1.22	ng/ul	91
52) 4-Nitrophenol	14.64	109	22838	2.21	ng/ul	95
53) Dibenzofuran	14.83	168	122863	2.06	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	32150	2.00	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.06	232	27367	1.82	ng/ul#	87
56) Diethylphthalate	15.26	149	114821	2.15	ng/ul	98
58) Fluorene	15.48	166	106613	2.17	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	56439	2.19	ng/ul	98
60) 4-Nitroaniline	15.50	138	24033m	1.98	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.56	198	23011	2.07	ng/ul#	72
64) N-Nitrosodiphenylamine	15.69	169	95317	2.07	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	38978	2.09	ng/ul	92
66) Hexachlorobenzene	16.48	284	44371	2.12	ng/ul	96
67) Atrazine	16.64	200	41325	2.12	ng/ul	98
68) Pentachlorophenol	16.83	266	21789	1.62	ng/ul	99
69) Phenanthrene	17.22	178	196862	2.22	ng/ul	99
71) Anthracene	17.31	178	198218	2.16	ng/ul	99
72) Carbazole	17.58	167	173291	2.18	ng/ul	99
73) Di-n-butylphthalate	18.14	149	203158	2.03	ng/ul	98
74) Fluoranthene	19.23	202	259148	2.33	ng/ul	98
77) Pyrene	19.59	202	287624	2.20	ng/ul	99
78) Butylbenzylphthalate	20.49	149	94522	1.74	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.27	252	100549	2.08	ng/ul	97
80) Benzo(a)anthracene	21.34	228	323948	2.26	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	145444	1.84	ng/ul	99
82) Chrysene	21.39	228	292974	2.25	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	261500	1.95	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	353217	2.22	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	327958	2.23	ng/ul	97
88) Benzo(a)pyrene	23.53	252	340982	2.24	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	413067	2.21	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	348795	2.25	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	345841	2.18	ng/ul	99

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

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