Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007264.D
Acq On : 23 Aug 2016 22:17
Operator : UM/SJ
Sample : MDL-02-S-ML
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 24 06:43:45 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

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

Manual Integrations APPROVED
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8/24/2016 4:15:27 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	167551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	831794	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	614999	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1703692	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2515565	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2863556	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7380	2.25	ng/uL	0.00
5) Phenol-d5	6.97	99	308232	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	185473	22.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	247389	21.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	275765	19.98	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	134933	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	154688	21.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	282971	19.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	410305	23.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1282477	24.17	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1388978	22.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	232982	23.26	ng/ul	0.00
57) Fluorene-d10	15.43	176	1066566	23.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	231918	21.65	ng/ul	0.00
70) Anthracene-d10	17.27	188	1904478	23.93	ng/ul	0.00
76) Pyrene-d10	19.57	212	2487002	23.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3177236	24.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	1706m	0.47	ng/uL	
4) Benzaldehyde	6.95	77	19711	2.19	ng/ul	93
6) Phenol	6.99	94	25347	1.54	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.23	93	21283	1.86	ng/ul	97
10) 2-Chlorophenol	7.37	128	19728	1.65	ng/ul	96
11) 2-Methylphenol	8.24	108	18519	1.44	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.33	45	22704	1.76	ng/ul	97
14) Acetophenone	8.62	105	36906	1.74	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.60	70	19153	1.70	ng/ul	93
16) 4-Methylphenol	8.56	108	22207	1.54	ng/ul	96
17) Hexachloroethane	8.87	117	7823	1.68	ng/ul	97
20) Nitrobenzene	9.00	77	28549	1.82	ng/ul	93
21) Isophorone	9.52	82	54490	1.71	ng/ul	98
23) 2-Nitrophenol	9.70	139	13614	1.76	ng/ul#	89
24) 2,4-Dimethylphenol	9.76	107	28238	1.65	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.00	93	30928	1.72	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	23147	1.64	ng/ul	89
28) Naphthalene	10.64	128	72247	1.75	ng/ul	99
30) 4-Chloroaniline	10.75	127	34046	1.87	ng/ul	96
31) Hexachlorobutadiene	10.92	225	16805	1.76	ng/ul	93
32) Caprolactam	11.53	113	9988m	1.76	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	27617	1.58	ng/ul	90
34) 2-Methylnaphthalene	12.25	142	59679	1.76	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	36233	1.77 ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	16158	1.31 ng/ul	93
38) 2,4,6-Trichlorophenol	12.86	196	22670	1.57 ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	22085	1.46 ng/ul	97
40) 1,1'-Biphenyl	13.26	154	83824	1.76 ng/ul	98
41) 2-Chloronaphthalene	13.30	162	64918	1.74 ng/ul	95
42) 2-Nitroaniline	13.51	65	18891	1.55 ng/ul	91
44) Dimethylphthalate	13.89	163	103172	1.95 ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	17310	1.60 ng/ul	98
47) Acenaphthylene	14.16	152	114039	1.80 ng/ul	97
48) 3-Nitroaniline	14.34	138	17110	1.55 ng/ul	99
49) Acenaphthene	14.50	153	74837	1.82 ng/ul	96
50) 2,4-Dinitrophenol	14.55	184	7404	1.01 ng/ul	89
52) 4-Nitrophenol	14.64	109	20927	1.96 ng/ul	83
53) Dibenzofuran	14.83	168	115089	1.87 ng/ul	95
54) 2,4-Dinitrotoluene	14.80	165	28472	1.72 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.06	232	26806	1.73 ng/ul#	96
56) Diethylphthalate	15.26	149	107399	1.95 ng/ul	95
58) Fluorene	15.48	166	98069	1.93 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.47	204	49828	1.88 ng/ul	91
60) 4-Nitroaniline	15.50	138	23592	1.89 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	20905	1.83 ng/ul#	50
64) N-Nitrosodiphenylamine	15.69	169	88029	1.85 ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	34856	1.81 ng/ul	95
66) Hexachlorobenzene	16.48	284	41567	1.93 ng/ul	96
67) Atrazine	16.64	200	36198	1.80 ng/ul	97
68) Pentachlorophenol	16.83	266	19067	1.37 ng/ul	95
69) Phenanthrene	17.22	178	177501	1.94 ng/ul	99
71) Anthracene	17.31	178	184942	1.96 ng/ul	98
72) Carbazole	17.58	167	159587	1.94 ng/ul	100
73) Di-n-butylphthalate	18.14	149	186798	1.81 ng/ul	98
74) Fluoranthene	19.23	202	240222	2.09 ng/ul	99
77) Pyrene	19.59	202	265607	1.97 ng/ul	98
78) Butylbenzylphthalate	20.49	149	88663	1.58 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	95236	1.91 ng/ul	96
80) Benzo(a)anthracene	21.34	228	296002	2.00 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	137368	1.69 ng/ul	99
82) Chrysene	21.39	228	272146	2.03 ng/ul	97
84) Di-n-octyl phthalate	22.16	149	249459	1.75 ng/ul#	100
85) Benzo(b)fluoranthene	22.94	252	325108	1.92 ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	320647	2.05 ng/ul	98
88) Benzo(a)pyrene	23.53	252	333158	2.06 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	391259	1.97 ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	332119	2.01 ng/ul	100
91) Benzo(g,h,i)perylene	26.61	276	329233	1.95 ng/ul	98

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

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