Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007272.D
Acq On : 24 Aug 2016 03:09
Operator : UM/SJ
Sample : MDL-02-W
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 24 06:59:19 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-W

Manual Integrations APPROVED
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8/24/2016 4:15:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	149424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	751215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	554895	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1531442	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2321356	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2665884	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7906	2.70	ng/uL	0.00
5) Phenol-d5	6.97	99	342867	24.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	203678	27.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	269987	25.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	304435	24.73	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	148536	26.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	173398	26.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	317347	24.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	457057	28.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1454883	30.39	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1564117	28.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	266551	29.49	ng/ul	0.00
57) Fluorene-d10	15.43	176	1211456	29.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	263140	27.33	ng/ul	0.00
70) Anthracene-d10	17.27	188	2124269	29.69	ng/ul	0.00
76) Pyrene-d10	19.57	212	2745068	28.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3511376	28.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2273m	0.70	ng/uL	
4) Benzaldehyde	6.95	77	21295m	2.65	ng/ul	
6) Phenol	6.99	94	28439	1.94	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.23	93	22784	2.23	ng/ul	95
10) 2-Chlorophenol	7.37	128	21877	2.05	ng/ul	99
11) 2-Methylphenol	8.24	108	21116	1.85	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.33	45	24835	2.16	ng/ul	98
14) Acetophenone	8.62	105	41787	2.21	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	21554	2.15	ng/ul	90
16) 4-Methylphenol	8.56	108	25513	1.99	ng/ul	95
17) Hexachloroethane	8.87	117	8758	2.11	ng/ul	94
20) Nitrobenzene	9.00	77	32999	2.33	ng/ul#	93
21) Isophorone	9.52	82	62768	2.18	ng/ul	99
23) 2-Nitrophenol	9.70	139	14913	2.13	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	31845	2.06	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.00	93	34034	2.09	ng/ul	94
27) 2,4-Dichlorophenol	10.23	162	26159	2.05	ng/ul	94
28) Naphthalene	10.64	128	79029	2.12	ng/ul	98
30) 4-Chloroaniline	10.75	127	37515	2.28	ng/ul	96
31) Hexachlorobutadiene	10.92	225	18906	2.20	ng/ul	95
32) Caprolactam	11.53	113	11256m	2.19	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	31166	1.98	ng/ul	96
34) 2-Methylnaphthalene	12.25	142	64905	2.12	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	40588	2.20	ng/ul#	90
37) Hexachlorocyclopentadiene	12.60	237	17837	1.60	ng/ul#	91
38) 2,4,6-Trichlorophenol	12.86	196	24393	1.87	ng/ul	93
39) 2,4,5-Trichlorophenol	12.93	196	26357	1.93	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	93941	2.18	ng/ul#	98
41) 2-Chloronaphthalene	13.30	162	74432	2.21	ng/ul	98
42) 2-Nitroaniline	13.51	65	21047	1.91	ng/ul	90
44) Dimethylphthalate	13.89	163	119249	2.50	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	19164	1.97	ng/ul	89
47) Acenaphthylene	14.15	152	129024	2.26	ng/ul	98
48) 3-Nitroaniline	14.34	138	20248	2.04	ng/ul	95
49) Acenaphthene	14.49	153	84995	2.29	ng/ul	96
50) 2,4-Dinitrophenol	14.55	184	8737	1.32	ng/ul	96
52) 4-Nitrophenol	14.64	109	23782	2.47	ng/ul	88
53) Dibenzofuran	14.83	168	128926	2.32	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	31650	2.12	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.06	232	29529	2.11	ng/ul	97
56) Diethylphthalate	15.26	149	116560	2.34	ng/ul	98
58) Fluorene	15.48	166	110994	2.42	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.47	204	59402	2.48	ng/ul	97
60) 4-Nitroaniline	15.50	138	25555m	2.26	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.56	198	22474	2.19	ng/ul#	45
64) N-Nitrosodiphenylamine	15.69	169	98150	2.30	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	38787	2.24	ng/ul	92
66) Hexachlorobenzene	16.48	284	45626	2.36	ng/ul	95
67) Atrazine	16.64	200	40614	2.25	ng/ul	96
68) Pentachlorophenol	16.83	266	22051	1.76	ng/ul	94
69) Phenanthrene	17.22	178	201373	2.45	ng/ul	98
71) Anthracene	17.30	178	206213	2.43	ng/ul	99
72) Carbazole	17.58	167	178225	2.42	ng/ul	99
73) Di-n-butylphthalate	18.14	149	203922	2.20	ng/ul	99
74) Fluoranthene	19.23	202	265965	2.58	ng/ul#	96
77) Pyrene	19.59	202	291818	2.34	ng/ul	99
78) Butylbenzylphthalate	20.49	149	96888	1.87	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.27	252	101727	2.21	ng/ul	99
80) Benzo(a)anthracene	21.34	228	326906	2.39	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	151500	2.02	ng/ul	99
82) Chrysene	21.39	228	303426	2.45	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	269168	2.03	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	364480	2.31	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	333243	2.29	ng/ul	100
88) Benzo(a)pyrene	23.53	252	364292	2.42	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	436339	2.36	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	364620	2.37	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	364789	2.32	ng/ul	96

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

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