Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007260.D
Acq On : 23 Aug 2016 19:51
Operator : UM/SJ
Sample : MDL-07-S
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
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8/24/2016 4:15:20 PM

Quant Time: Aug 24 05:54:52 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	155573	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	793819	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	584342	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1619305	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2367741	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2639524	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8959	2.94	ng/uL	0.00
5) Phenol-d5	6.97	99	373514	25.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	222975	28.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	295105	27.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	331862	25.89	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	158782	27.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	189952	27.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	347386	25.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	493960	29.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1499105	29.74	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1657938	28.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	271818	28.56	ng/ul	0.00
57) Fluorene-d10	15.43	176	1254417	28.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	267317	26.25	ng/ul	0.00
70) Anthracene-d10	17.27	188	2188366	28.93	ng/ul	0.00
76) Pyrene-d10	19.57	212	2770976	27.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3486665	28.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2626	0.77	ng/uL#	71
4) Benzaldehyde	6.95	77	25417	3.04	ng/ul	89
6) Phenol	6.99	94	33508	2.20	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.23	93	27416	2.58	ng/ul	99
10) 2-Chlorophenol	7.36	128	25474	2.29	ng/ul	98
11) 2-Methylphenol	8.24	108	24930	2.09	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.33	45	28615	2.39	ng/ul	98
14) Acetophenone	8.62	105	48850	2.49	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.60	70	24419	2.34	ng/ul	96
16) 4-Methylphenol	8.56	108	29032	2.17	ng/ul	94
17) Hexachloroethane	8.87	117	10148	2.35	ng/ul	88
20) Nitrobenzene	9.00	77	37075	2.48	ng/ul	96
21) Isophorone	9.52	82	70773	2.32	ng/ul	100
23) 2-Nitrophenol	9.70	139	17093	2.31	ng/ul#	85
24) 2,4-Dimethylphenol	9.76	107	35498	2.18	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	39574	2.30	ng/ul	97
27) 2,4-Dichlorophenol	10.23	162	29705	2.21	ng/ul#	87
28) Naphthalene	10.64	128	92941	2.35	ng/ul	99
30) 4-Chloroaniline	10.75	127	41818	2.40	ng/ul	100
31) Hexachlorobutadiene	10.92	225	21736	2.39	ng/ul	98
32) Caprolactam	11.53	113	12163m	2.24	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	35302	2.12	ng/ul	93
34) 2-Methylnaphthalene	12.25	142	73969	2.29	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	45540	2.34	ng/ul	89
37) Hexachlorocyclopentadiene	12.60	237	21896	1.87	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	29369	2.13	ng/ul	95
39) 2,4,5-Trichlorophenol	12.93	196	29357	2.05	ng/ul	96
40) 1,1'-Biphenyl	13.26	154	108459	2.39	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	81902	2.31	ng/ul	100
42) 2-Nitroaniline	13.52	65	23108	1.99	ng/ul	93
44) Dimethylphthalate	13.89	163	127122	2.53	ng/ul	98
45) 2,6-Dinitrotoluene	14.01	165	21018	2.05	ng/ul#	87
47) Acenaphthylene	14.16	152	144072	2.40	ng/ul	99
48) 3-Nitroaniline	14.34	138	21687	2.07	ng/ul	95
49) Acenaphthene	14.50	153	94422	2.41	ng/ul	96
50) 2,4-Dinitrophenol	14.55	184	9347	1.34	ng/ul#	91
52) 4-Nitrophenol	14.64	109	25532	2.52	ng/ul#	87
53) Dibenzofuran	14.83	168	141369	2.41	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	35949	2.29	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.06	232	33516	2.28	ng/ul#	94
56) Diethylphthalate	15.26	149	127827	2.44	ng/ul	99
58) Fluorene	15.48	166	120949	2.51	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	64184	2.55	ng/ul	99
60) 4-Nitroaniline	15.50	138	28553m	2.40	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.56	198	26157	2.41	ng/ul#	49
64) N-Nitrosodiphenylamine	15.69	169	107882	2.39	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	42708	2.34	ng/ul	98
66) Hexachlorobenzene	16.49	284	50081	2.45	ng/ul	99
67) Atrazine	16.64	200	45023	2.36	ng/ul	96
68) Pentachlorophenol	16.83	266	26333	1.99	ng/ul	94
69) Phenanthrene	17.22	178	212087	2.44	ng/ul	99
71) Anthracene	17.31	178	223412	2.49	ng/ul	99
72) Carbazole	17.58	167	191868	2.46	ng/ul	98
73) Di-n-butylphthalate	18.14	149	221859	2.26	ng/ul	99
74) Fluoranthene	19.23	202	284364	2.61	ng/ul	98
77) Pyrene	19.60	202	317943	2.50	ng/ul	97
78) Butylbenzylphthalate	20.49	149	108671	2.06	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.27	252	113340	2.41	ng/ul	95
80) Benzo(a)anthracene	21.34	228	347852	2.49	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	167292	2.18	ng/ul	97
82) Chrysene	21.39	228	316621	2.50	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	301924	2.30	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	384417	2.46	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	357564	2.48	ng/ul	99
88) Benzo(a)pyrene	23.53	252	387942	2.60	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	450533	2.46	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	382426	2.51	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	381318	2.45	ng/ul	98

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

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