Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
Data File : BM007287.D
Acq On : 24 Aug 2016 21:38
Operator : UM/SJ
Sample : MDL-02-S-ML
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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8/25/2016 6:31:29 PM

Quant Time: Aug 25 10:23:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 25 10:16:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	247524	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1233129	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	913809	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2577391	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	3814598	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	4310453	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	10935	2.26	ng/uL	0.00
5) Phenol-d5	6.97	99	469003	20.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	271526	22.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	364489	21.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	417648	20.48	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	202566	22.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	243249	23.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	426025	20.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	610104	23.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1923091	24.39	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2080373	22.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	360792	24.24	ng/ul	0.00
57) Fluorene-d10	15.43	176	1589449	23.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	382059	23.57	ng/ul	0.00
70) Anthracene-d10	17.27	188	2823873	23.45	ng/ul	0.00
76) Pyrene-d10	19.57	212	3771637	23.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	4791522	24.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2458m	0.46	ng/uL	
4) Benzaldehyde	6.95	77	28547	2.14	ng/ul	95
6) Phenol	6.99	94	38738	1.60	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.23	93	31733	1.88	ng/ul	95
10) 2-Chlorophenol	7.36	128	29337	1.66	ng/ul	92
11) 2-Methylphenol	8.24	108	29076	1.53	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.33	45	33106	1.74	ng/ul	96
14) Acetophenone	8.62	105	56433	1.80	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	29012	1.75	ng/ul	95
16) 4-Methylphenol	8.56	108	34693	1.63	ng/ul	91
17) Hexachloroethane	8.87	117	11521	1.67	ng/ul	90
20) Nitrobenzene	8.99	77	42673	1.84	ng/ul	93
21) Isophorone	9.52	82	81876	1.73	ng/ul	97
23) 2-Nitrophenol	9.70	139	19824	1.73	ng/ul#	82
24) 2,4-Dimethylphenol	9.76	107	43626	1.72	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	45221	1.69	ng/ul#	98
27) 2,4-Dichlorophenol	10.23	162	34994	1.67	ng/ul	90
28) Naphthalene	10.63	128	107888	1.76	ng/ul	99
30) 4-Chloroaniline	10.75	127	50754	1.88	ng/ul	98
31) Hexachlorobutadiene	10.92	225	25645	1.82	ng/ul	94
32) Caprolactam	11.55	113	15507m	1.84	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	41132	1.59	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	89104	1.78	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	54057	1.78	ng/ul	95
37) Hexachlorocyclopentadiene	12.60	237	23943	1.30	ng/ul	95
38) 2,4,6-Trichlorophenol	12.86	196	33864	1.57	ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	36650	1.63	ng/ul	94
40) 1,1'-Biphenyl	13.26	154	126020	1.78	ng/ul	95
41) 2-Chloronaphthalene	13.30	162	98707	1.78	ng/ul	98
42) 2-Nitroaniline	13.52	65	29359	1.62	ng/ul	96
44) Dimethylphthalate	13.89	163	155909	1.99	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	26240	1.63	ng/ul#	88
47) Acenaphthylene	14.15	152	170606	1.81	ng/ul	99
48) 3-Nitroaniline	14.34	138	27883	1.70	ng/ul	97
49) Acenaphthene	14.49	153	110062	1.80	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	12251	1.13	ng/ul#	89
52) 4-Nitrophenol	14.64	109	32585	2.06	ng/ul	91
53) Dibenzofuran	14.83	168	167138	1.83	ng/ul	95
54) 2,4-Dinitrotoluene	14.80	165	45800	1.86	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	41073	1.78	ng/ul	94
56) Diethylphthalate	15.26	149	159840	1.95	ng/ul	99
58) Fluorene	15.48	166	147672	1.96	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.47	204	75822	1.92	ng/ul	98
60) 4-Nitroaniline	15.50	138	34744	1.87	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.56	198	33449	1.93	ng/ul#	43
64) N-Nitrosodiphenylamine	15.69	169	130364	1.81	ng/ul	96
65) 4-Bromophenyl-phenylether	16.37	248	53214	1.83	ng/ul	95
66) Hexachlorobenzene	16.48	284	61194	1.88	ng/ul	99
67) Atrazine	16.64	200	57919	1.91	ng/ul	95
68) Pentachlorophenol	16.83	266	29208	1.39	ng/ul	96
69) Phenanthrene	17.22	178	267641	1.93	ng/ul	98
71) Anthracene	17.30	178	273537	1.91	ng/ul	99
72) Carbazole	17.58	167	248064	2.00	ng/ul	100
73) Di-n-butylphthalate	18.14	149	285134	1.83	ng/ul	99
74) Fluoranthene	19.23	202	369606	2.13	ng/ul	99
77) Pyrene	19.59	202	404896	1.98	ng/ul	97
78) Butylbenzylphthalate	20.49	149	135089	1.59	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	148413	1.96	ng/ul	97
80) Benzo(a)anthracene	21.34	228	461809	2.05	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	208821	1.69	ng/ul	99
82) Chrysene	21.39	228	420316	2.06	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	382541	1.78	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	514989	2.02	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	477129	2.03	ng/ul	99
88) Benzo(a)pyrene	23.53	252	509222	2.09	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	601123	2.01	ng/ul	98
90) Dibenzo(a,h)anthracene	25.92	278	508839	2.04	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	512009	2.01	ng/ul	96

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

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