Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082316\
Data File : BM007258.D
Acq On : 23 Aug 2016 18:38
Operator : UM/SJ
Sample : MDL-05-S
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-05-S

Quant Time: Aug 23 19:09:16 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	168558	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	842845	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	626329	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1730588	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2559445	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2867775	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8979	2.72	ng/uL	0.00
5) Phenol-d5	6.97	99	361549	22.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	219108	26.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	287609	24.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	324270	23.35	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	155960	25.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	186627	25.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	332586	23.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	476460	26.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1442465	26.70	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1590309	25.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	255505	25.05	ng/ul	0.00
57) Fluorene-d10	15.43	176	1217524	26.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	251783	23.14	ng/ul	0.00
70) Anthracene-d10	17.27	188	2096471	25.93	ng/ul	0.00
76) Pyrene-d10	19.57	212	2656223	24.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3384212	25.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2305	0.63	ng/uL#	31
4) Benzaldehyde	6.95	77	23053	2.54	ng/ul	96
6) Phenol	6.99	94	31175	1.89	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.23	93	25596	2.22	ng/ul	93
10) 2-Chlorophenol	7.37	128	23397	1.94	ng/ul	95
11) 2-Methylphenol	8.24	108	24395	1.89	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.33	45	27592	2.13	ng/ul#	92
14) Acetophenone	8.62	105	45628	2.14	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	23779	2.10	ng/ul	96
16) 4-Methylphenol	8.56	108	28157	1.94	ng/ul	96
17) Hexachloroethane	8.87	117	10507	2.24	ng/ul	96
20) Nitrobenzene	9.00	77	33780	2.13	ng/ul	98
21) Isophorone	9.52	82	69488	2.15	ng/ul	97
23) 2-Nitrophenol	9.70	139	16876	2.15	ng/ul#	91
24) 2,4-Dimethylphenol	9.76	107	35236	2.03	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.00	93	36771	2.02	ng/ul	95
27) 2,4-Dichlorophenol	10.23	162	29128	2.04	ng/ul#	86
28) Naphthalene	10.64	128	90949	2.17	ng/ul	99
30) 4-Chloroaniline	10.75	127	39641	2.15	ng/ul	98
31) Hexachlorobutadiene	10.92	225	21788	2.26	ng/ul	93
32) Caprolactam	11.53	113	11767	2.04	ng/ul	92
33) 4-Chloro-3-methylphenol	11.87	107	33932	1.92	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	72771	2.12	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	42918	2.06	ng/ul	94
37) Hexachlorocyclopentadiene	12.60	237	19852	1.58	ng/ul	94
38) 2,4,6-Trichlorophenol	12.86	196	27757	1.88	ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	29004	1.89	ng/ul	92
40) 1,1'-Biphenyl	13.26	154	102619	2.11	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	79479	2.09	ng/ul	94
42) 2-Nitroaniline	13.52	65	22988	1.85	ng/ul	99
44) Dimethylphthalate	13.89	163	120641	2.24	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	20384	1.85	ng/ul	94
47) Acenaphthylene	14.15	152	140326	2.18	ng/ul	99
48) 3-Nitroaniline	14.34	138	21826	1.94	ng/ul	99
49) Acenaphthene	14.50	153	89731	2.14	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	9759	1.31	ng/ul	93
52) 4-Nitrophenol	14.64	109	24007	2.21	ng/ul	96
53) Dibenzofuran	14.83	168	135763	2.16	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	34047	2.02	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.06	232	29652	1.88	ng/ul#	94
56) Diethylphthalate	15.26	149	124918	2.23	ng/ul	100
58) Fluorene	15.48	166	118893	2.30	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	61720	2.28	ng/ul	97
60) 4-Nitroaniline	15.50	138	25332	1.99	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.56	198	24403	2.10	ng/ul#	47
64) N-Nitrosodiphenylamine	15.69	169	104340	2.16	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	40774	2.09	ng/ul	99
66) Hexachlorobenzene	16.49	284	50031	2.29	ng/ul	98
67) Atrazine	16.64	200	42859	2.10	ng/ul	99
68) Pentachlorophenol	16.83	266	23267	1.65	ng/ul	99
69) Phenanthrene	17.22	178	206610	2.22	ng/ul	99
71) Anthracene	17.31	178	210271	2.19	ng/ul	98
72) Carbazole	17.58	167	184970	2.22	ng/ul	97
73) Di-n-butylphthalate	18.14	149	217019	2.07	ng/ul	99
74) Fluoranthene	19.23	202	276903	2.37	ng/ul	97
77) Pyrene	19.60	202	298319	2.17	ng/ul	97
78) Butylbenzylphthalate	20.49	149	104261	1.82	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	113170	2.23	ng/ul	100
80) Benzo(a)anthracene	21.34	228	333874	2.21	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	161098	1.94	ng/ul	99
82) Chrysene	21.39	228	306090	2.24	ng/ul	100
84) Di-n-octyl phthalate	22.16	149	290694	2.04	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	370840	2.19	ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	353989	2.26	ng/ul	100
88) Benzo(a)pyrene	23.53	252	369374	2.28	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	444927	2.23	ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	373393	2.25	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	369556	2.19	ng/ul	97

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

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