Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082316\
Data File : BM007255.D
Acq On : 23 Aug 2016 16:49
Operator : UM/SJ
Sample : MDL-02-S
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-02-S

Quant Time: Aug 23 17:24:43 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	163006	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	824849	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	610506	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1699611	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2476045	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2775310	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8009	2.51	ng/uL	0.00
5) Phenol-d5	6.97	99	340749	22.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	205830	25.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	274391	24.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	307775	22.92	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	148946	24.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	177170	25.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	318845	22.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	456949	26.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1400040	26.58	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1537425	25.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	251819	25.33	ng/ul	0.00
57) Fluorene-d10	15.43	176	1178453	25.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	253175	23.69	ng/ul	0.00
70) Anthracene-d10	17.27	188	2049910	25.82	ng/ul	0.00
76) Pyrene-d10	19.57	212	2629306	25.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3335391	26.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	1650	0.46	ng/uL#	36
4) Benzaldehyde	6.95	77	24370	2.78	ng/ul	96
6) Phenol	7.00	94	34116	2.14	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.23	93	26575	2.39	ng/ul	95
10) 2-Chlorophenol	7.37	128	25467	2.19	ng/ul	94
11) 2-Methylphenol	8.24	108	25113	2.01	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.34	45	28355	2.26	ng/ul	96
14) Acetophenone	8.62	105	49175	2.39	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.60	70	24466	2.24	ng/ul#	96
16) 4-Methylphenol	8.56	108	29469	2.10	ng/ul	97
17) Hexachloroethane	8.87	117	10732	2.37	ng/ul	98
20) Nitrobenzene	9.00	77	37332	2.40	ng/ul	99
21) Isophorone	9.52	82	73524	2.32	ng/ul	98
23) 2-Nitrophenol	9.70	139	17361	2.26	ng/ul	92
24) 2,4-Dimethylphenol	9.76	107	36114	2.13	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.00	93	40331	2.26	ng/ul	95
27) 2,4-Dichlorophenol	10.23	162	30150	2.16	ng/ul#	86
28) Naphthalene	10.64	128	92414	2.25	ng/ul#	97
30) 4-Chloroaniline	10.75	127	42551	2.35	ng/ul	100
31) Hexachlorobutadiene	10.92	225	21136	2.24	ng/ul	96
32) Caprolactam	11.53	113	11990	2.13	ng/ul	84
33) 4-Chloro-3-methylphenol	11.87	107	35709	2.06	ng/ul	95
34) 2-Methylnaphthalene	12.25	142	77841	2.32	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	45196	2.22 ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	21959	1.79 ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	29671	2.06 ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	29794	1.99 ng/ul	97
40) 1,1'-Biphenyl	13.26	154	107832	2.28 ng/ul	99
41) 2-Chloronaphthalene	13.30	162	81937	2.21 ng/ul	100
42) 2-Nitroaniline	13.51	65	23901	1.97 ng/ul	97
44) Dimethylphthalate	13.89	163	127222	2.43 ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	21583	2.01 ng/ul	97
47) Acenaphthylene	14.15	152	145641	2.32 ng/ul	97
48) 3-Nitroaniline	14.34	138	24031	2.20 ng/ul	92
49) Acenaphthene	14.50	153	94600	2.31 ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	9998	1.37 ng/ul	92
52) 4-Nitrophenol	14.65	109	25970	2.46 ng/ul#	81
53) Dibenzofuran	14.83	168	143352	2.34 ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	37426	2.28 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.06	232	34003	2.21 ng/ul	94
56) Diethylphthalate	15.26	149	132937	2.43 ng/ul	97
58) Fluorene	15.48	166	123043	2.44 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.47	204	65163	2.47 ng/ul	99
60) 4-Nitroaniline	15.50	138	27755	2.23 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	24839	2.18 ng/ul#	83
64) N-Nitrosodiphenylamine	15.69	169	110177	2.32 ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	44574	2.32 ng/ul	98
66) Hexachlorobenzene	16.48	284	51547	2.40 ng/ul	97
67) Atrazine	16.64	200	46375	2.31 ng/ul	97
68) Pentachlorophenol	16.83	266	25342	1.83 ng/ul	97
69) Phenanthrene	17.22	178	218838	2.40 ng/ul	99
71) Anthracene	17.31	178	229071	2.43 ng/ul	99
72) Carbazole	17.58	167	197113	2.41 ng/ul	98
73) Di-n-butylphthalate	18.14	149	234567	2.28 ng/ul	99
74) Fluoranthene	19.23	202	291203	2.54 ng/ul	99
77) Pyrene	19.60	202	324386	2.44 ng/ul	97
78) Butylbenzylphthalate	20.49	149	114627	2.07 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	121491	2.47 ng/ul	96
80) Benzo(a)anthracene	21.34	228	359573	2.46 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	180759	2.25 ng/ul#	97
82) Chrysene	21.39	228	326350	2.47 ng/ul	98
84) Di-n-octyl phthalate	22.16	149	323374	2.34 ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	386417	2.35 ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	385026	2.54 ng/ul	97
88) Benzo(a)pyrene	23.53	252	394872	2.51 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	476631	2.47 ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	398474	2.49 ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	399243	2.44 ng/ul	98

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

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