Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
Data File : BM007277.D
Acq On : 24 Aug 2016 11:40
Operator : UM/SJ
Sample : MDL-02-W
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-02-W

Quant Time: Aug 24 13:59:34 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 24 13:51:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	236764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1192470	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	880097	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2422333	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	3503348	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	3939333	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	11451	2.47	ng/uL	0.00
5) Phenol-d5	6.97	99	508550	22.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	296503	25.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	394868	23.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	455342	23.34	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	221369	25.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	258693	25.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	466044	22.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	663660	26.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	2001551	26.36	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2208001	25.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	375755	26.21	ng/ul	0.00
57) Fluorene-d10	15.43	176	1672853	25.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	382646	25.12	ng/ul	0.00
70) Anthracene-d10	17.27	188	2892896	25.57	ng/ul	0.00
76) Pyrene-d10	19.57	212	3746812	25.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	4731228	26.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	3492	0.68	ng/uL#	77
4) Benzaldehyde	6.95	77	35804	2.81	ng/ul	94
6) Phenol	6.99	94	47455	2.05	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.23	93	38370	2.37	ng/ul	99
10) 2-Chlorophenol	7.36	128	34952	2.06	ng/ul#	89
11) 2-Methylphenol	8.24	108	36968	2.04	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.34	45	42791	2.35	ng/ul	97
14) Acetophenone	8.62	105	70259	2.35	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	35109	2.21	ng/ul	99
16) 4-Methylphenol	8.56	108	43847	2.16	ng/ul	93
17) Hexachloroethane	8.87	117	14828	2.25	ng/ul	89
20) Nitrobenzene	9.00	77	51666	2.30	ng/ul	97
21) Isophorone	9.52	82	102211	2.23	ng/ul	97
23) 2-Nitrophenol	9.70	139	25865	2.33	ng/ul#	90
24) 2,4-Dimethylphenol	9.76	107	52181	2.13	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	57757	2.24	ng/ul	96
27) 2,4-Dichlorophenol	10.23	162	43475	2.15	ng/ul	90
28) Naphthalene	10.63	128	135142	2.28	ng/ul	99
30) 4-Chloroaniline	10.75	127	61617	2.36	ng/ul	98
31) Hexachlorobutadiene	10.92	225	31635	2.32	ng/ul	94
32) Caprolactam	11.55	113	17792	2.18	ng/ul	96
33) 4-Chloro-3-methylphenol	11.87	107	51638	2.06	ng/ul	96
34) 2-Methylnaphthalene	12.25	142	108995	2.25	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.62	216	67895	2.32 ng/ul	95
37) Hexachlorocyclopentadiene	12.59	237	30358	1.72 ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	42262	2.04 ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	45250	2.09 ng/ul	99
40) 1,1'-Biphenyl	13.26	154	155441	2.28 ng/ul	98
41) 2-Chloronaphthalene	13.30	162	121382	2.27 ng/ul	98
42) 2-Nitroaniline	13.51	65	35035	2.00 ng/ul	99
44) Dimethylphthalate	13.89	163	183213	2.42 ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	32941	2.13 ng/ul	97
47) Acenaphthylene	14.15	152	206609	2.28 ng/ul	100
48) 3-Nitroaniline	14.34	138	34470	2.18 ng/ul	97
49) Acenaphthene	14.49	153	134727	2.29 ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	15504	1.48 ng/ul	96
52) 4-Nitrophenol	14.65	109	40359	2.65 ng/ul#	83
53) Dibenzofuran	14.83	168	205238	2.33 ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	53639	2.26 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.06	232	47001	2.12 ng/ul#	95
56) Diethylphthalate	15.26	149	187410	2.38 ng/ul	99
58) Fluorene	15.48	166	175534	2.42 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	94302	2.48 ng/ul	97
60) 4-Nitroaniline	15.50	138	39167	2.19 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.56	198	38811	2.39 ng/ul#	85
64) N-Nitrosodiphenylamine	15.69	169	159031	2.35 ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	62049	2.27 ng/ul	97
66) Hexachlorobenzene	16.48	284	72858	2.38 ng/ul	98
67) Atrazine	16.64	200	68407	2.40 ng/ul	92
68) Pentachlorophenol	16.83	266	36713	1.86 ng/ul	97
69) Phenanthrene	17.22	178	313642	2.41 ng/ul	98
71) Anthracene	17.31	178	320458	2.39 ng/ul	99
72) Carbazole	17.58	167	284745	2.44 ng/ul	99
73) Di-n-butylphthalate	18.14	149	346456	2.36 ng/ul	98
74) Fluoranthene	19.23	202	418868	2.57 ng/ul	99
77) Pyrene	19.59	202	460119	2.45 ng/ul	98
78) Butylbenzylphthalate	20.49	149	162708	2.08 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	169863	2.44 ng/ul	98
80) Benzo(a)anthracene	21.34	228	521915	2.53 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	249541	2.20 ng/ul	98
82) Chrysene	21.39	228	469242	2.51 ng/ul	99
84) Di-n-octyl phthalate	22.16	149	448402	2.29 ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	575221	2.47 ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	548704	2.55 ng/ul	100
88) Benzo(a)pyrene	23.53	252	572308	2.57 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	691585	2.53 ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	580632	2.55 ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	578136	2.49 ng/ul	97

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

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