Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
Data File : BM007290.D
Acq On : 24 Aug 2016 23:27
Operator : UM/SJ
Sample : MDL-05-S-ML
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-05-S-ML

Quant Time: Aug 25 10:30:59 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	279362	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1435032	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	1038058	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2851531	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	4184175	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	4717169	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	15473	2.83	ng/uL	0.00
5) Phenol-d5	6.97	99	724791	27.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	419559	30.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	555574	28.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	646771	28.10	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	311117	29.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	372976	30.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	664414	27.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	927066	30.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	2768811	30.92	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	3064928	29.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	530431	31.37	ng/ul	0.00
57) Fluorene-d10	15.43	176	2292996	29.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	550676	30.71	ng/ul	0.00
70) Anthracene-d10	17.27	188	3956043	29.70	ng/ul	0.00
76) Pyrene-d10	19.57	212	5095371	29.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	6429425	29.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	3648	0.60	ng/uL#	86
4) Benzaldehyde	6.95	77	51140	3.40	ng/ul	98
6) Phenol	6.99	94	68473	2.50	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.23	93	54061	2.84	ng/ul	97
10) 2-Chlorophenol	7.36	128	51636	2.59	ng/ul	96
11) 2-Methylphenol	8.24	108	52211	2.44	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	58551	2.73	ng/ul	98
14) Acetophenone	8.62	105	99853	2.83	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	51547	2.75	ng/ul#	97
16) 4-Methylphenol	8.56	108	61130	2.55	ng/ul	96
17) Hexachloroethane	8.87	117	19787	2.55	ng/ul	92
20) Nitrobenzene	9.00	77	73712	2.72	ng/ul	97
21) Isophorone	9.52	82	148131	2.69	ng/ul	97
23) 2-Nitrophenol	9.70	139	36974	2.76	ng/ul	96
24) 2,4-Dimethylphenol	9.76	107	76178	2.58	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	79455	2.56	ng/ul	96
27) 2,4-Dichlorophenol	10.23	162	61995	2.55	ng/ul	88
28) Naphthalene	10.63	128	189156	2.65	ng/ul	99
30) 4-Chloroaniline	10.75	127	88570	2.82	ng/ul	94
31) Hexachlorobutadiene	10.92	225	43789	2.66	ng/ul	97
32) Caprolactam	11.57	113	23206	2.37	ng/ul	90
33) 4-Chloro-3-methylphenol	11.87	107	76536	2.54	ng/ul	95
34) 2-Methylnaphthalene	12.24	142	155917	2.67	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	94780	2.74	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	44923	2.15	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	59740	2.44	ng/ul	94
39) 2,4,5-Trichlorophenol	12.93	196	62839	2.47	ng/ul	94
40) 1,1'-Biphenyl	13.26	154	217457	2.70	ng/ul	96
41) 2-Chloronaphthalene	13.30	162	172066	2.73	ng/ul	96
42) 2-Nitroaniline	13.51	65	52697	2.56	ng/ul	94
44) Dimethylphthalate	13.89	163	256839	2.88	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	48488	2.66	ng/ul	94
47) Acenaphthylene	14.15	152	290165	2.72	ng/ul	98
48) 3-Nitroaniline	14.34	138	48182	2.59	ng/ul	97
49) Acenaphthene	14.49	153	188495	2.71	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	24035	1.94	ng/ul	94
52) 4-Nitrophenol	14.64	109	56152	3.12	ng/ul	89
53) Dibenzofuran	14.83	168	285812	2.75	ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	80164	2.87	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	67466	2.58	ng/ul	94
56) Diethylphthalate	15.26	149	264357	2.84	ng/ul	99
58) Fluorene	15.48	166	244699	2.86	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.47	204	129793	2.90	ng/ul	99
60) 4-Nitroaniline	15.50	138	59652	2.82	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.56	198	55904	2.92	ng/ul#	82
64) N-Nitrosodiphenylamine	15.69	169	217659	2.73	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	88459	2.75	ng/ul	95
66) Hexachlorobenzene	16.48	284	101109	2.80	ng/ul	97
67) Atrazine	16.64	200	94441	2.81	ng/ul	98
68) Pentachlorophenol	16.83	266	52562	2.26	ng/ul	96
69) Phenanthrene	17.22	178	430393	2.81	ng/ul	99
71) Anthracene	17.31	178	442987	2.80	ng/ul	99
72) Carbazole	17.58	167	397940	2.90	ng/ul	99
73) Di-n-butylphthalate	18.14	149	477894	2.77	ng/ul	99
74) Fluoranthene	19.23	202	596078	3.10	ng/ul	99
77) Pyrene	19.60	202	636899	2.84	ng/ul	96
78) Butylbenzylphthalate	20.49	149	229460	2.46	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	239079	2.88	ng/ul	99
80) Benzo(a)anthracene	21.34	228	716379	2.90	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.27	149	349425	2.58	ng/ul	98
82) Chrysene	21.39	228	643577	2.88	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	627926	2.67	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	799064	2.86	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	740493	2.87	ng/ul	99
88) Benzo(a)pyrene	23.53	252	777454	2.91	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	950824	2.90	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	796538	2.92	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	784905	2.82	ng/ul	98

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

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