Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
Data File : BM007292.D
Acq On : 25 Aug 2016 00:40
Operator : UM/SJ
Sample : MDL-07-S-ML
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-07-S-ML

Quant Time: Aug 25 10:36:19 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	259673	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1318773	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	977856	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2708342	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	4003833	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	4489620	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	13202	2.60	ng/uL	0.00
5) Phenol-d5	6.97	99	600255	24.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	344267	26.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	461316	25.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	529952	24.77	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	256269	26.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	308877	27.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	551106	24.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	777950	27.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	2357265	27.94	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2578341	26.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	447959	28.13	ng/ul	0.00
57) Fluorene-d10	15.43	176	1956854	26.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	474351	27.85	ng/ul	0.00
70) Anthracene-d10	17.27	188	3386260	26.77	ng/ul	0.00
76) Pyrene-d10	19.57	212	4473179	26.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	5673741	27.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2830	0.50	ng/uL	90
4) Benzaldehyde	6.95	77	41288	2.95	ng/ul	95
6) Phenol	6.99	94	56925	2.24	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.23	93	45197	2.55	ng/ul	96
10) 2-Chlorophenol	7.36	128	43370	2.34	ng/ul	95
11) 2-Methylphenol	8.24	108	43283	2.18	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.33	45	49237	2.47	ng/ul#	94
14) Acetophenone	8.62	105	82838	2.52	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	42744	2.45	ng/ul	96
16) 4-Methylphenol	8.56	108	50147	2.25	ng/ul	100
17) Hexachloroethane	8.87	117	16979	2.35	ng/ul	89
20) Nitrobenzene	9.00	77	61368	2.47	ng/ul	99
21) Isophorone	9.52	82	121623	2.40	ng/ul	98
23) 2-Nitrophenol	9.70	139	29149	2.37	ng/ul	94
24) 2,4-Dimethylphenol	9.76	107	61780	2.28	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	65442	2.29	ng/ul	96
27) 2,4-Dichlorophenol	10.23	162	52652	2.36	ng/ul	89
28) Naphthalene	10.63	128	155797	2.38	ng/ul	98
30) 4-Chloroaniline	10.75	127	72032	2.49	ng/ul	96
31) Hexachlorobutadiene	10.92	225	36979	2.45	ng/ul	99
32) Caprolactam	11.56	113	19846	2.20	ng/ul	93
33) 4-Chloro-3-methylphenol	11.87	107	62658	2.26	ng/ul	93
34) 2-Methylnaphthalene	12.24	142	128189	2.39	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	79578	2.44	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	34877	1.78	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	50153	2.18	ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	53646	2.23	ng/ul	95
40) 1,1'-Biphenyl	13.26	154	184244	2.43	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	143782	2.42	ng/ul	95
42) 2-Nitroaniline	13.51	65	42370	2.18	ng/ul	96
44) Dimethylphthalate	13.89	163	216866	2.58	ng/ul	97
45) 2,6-Dinitrotoluene	14.01	165	38628	2.25	ng/ul	91
47) Acenaphthylene	14.15	152	245575	2.44	ng/ul	99
48) 3-Nitroaniline	14.34	138	40424	2.31	ng/ul	98
49) Acenaphthene	14.50	153	160452	2.45	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	19617	1.68	ng/ul	97
52) 4-Nitrophenol	14.64	109	46342	2.74	ng/ul	92
53) Dibenzofuran	14.83	168	238154	2.43	ng/ul	93
54) 2,4-Dinitrotoluene	14.80	165	64051	2.43	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.06	232	57458	2.33	ng/ul	97
56) Diethylphthalate	15.26	149	223204	2.55	ng/ul	99
58) Fluorene	15.48	166	206248	2.56	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	107431	2.55	ng/ul	94
60) 4-Nitroaniline	15.50	138	48644	2.45	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	48174	2.65	ng/ul#	49
64) N-Nitrosodiphenylamine	15.69	169	187491	2.48	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	73623	2.41	ng/ul	96
66) Hexachlorobenzene	16.48	284	85972	2.51	ng/ul	95
67) Atrazine	16.64	200	81170	2.54	ng/ul	99
68) Pentachlorophenol	16.83	266	44959	2.03	ng/ul	99
69) Phenanthrene	17.22	178	371433	2.55	ng/ul	99
71) Anthracene	17.31	178	374046	2.49	ng/ul	99
72) Carbazole	17.58	167	342367	2.62	ng/ul	99
73) Di-n-butylphthalate	18.14	149	405413	2.47	ng/ul	100
74) Fluoranthene	19.23	202	510572	2.80	ng/ul	99
77) Pyrene	19.60	202	546500	2.54	ng/ul#	95
78) Butylbenzylphthalate	20.49	149	195857	2.19	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.27	252	205540	2.59	ng/ul	99
80) Benzo(a)anthracene	21.34	228	622932	2.64	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	303925	2.34	ng/ul	98
82) Chrysene	21.39	228	561813	2.63	ng/ul	100
84) Di-n-octyl phthalate	22.16	149	530578	2.37	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	694603	2.62	ng/ul	97
86) Benzo(k)fluoranthene	22.99	252	652537	2.66	ng/ul	98
88) Benzo(a)pyrene	23.53	252	682202	2.69	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.91	276	827832	2.66	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	700501	2.70	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	688565	2.60	ng/ul	97

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

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