Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\Data\BB101316\
Data File : BB058630.D
Acq On : 13 Oct 2016 13:28
Operator : UM/SJ
Sample : MDL-05-S
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : MDL-05-S

Quant Time: Oct 13 14:04:10 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 12:50:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	502209	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	1878448	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1101980	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.42	188	1744938	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1864213	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1360543	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	65667	5.92	ng/uL	0.02
5) Phenol-d5	7.81	99	948726	26.00	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.96	67	699225	28.61	ng/ul	0.02
9) 2-Chlorophenol-d4	8.20	132	1036690	27.39	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	792491	26.24	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	527760	27.17	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	590435	28.25	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.24	165	793625	26.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1079355	30.27	ng/ul	0.02
43) Dimethylphthalate-d6	14.95	166	2075280	28.32	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	2514844	29.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	391014	23.24	ng/ul	-0.02
57) Fluorene-d10	16.61	176	1771260	29.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	423713	22.87	ng/ul	0.00
70) Anthracene-d10	18.42	188	1744938	22.36	ng/ul	-0.12
76) Pyrene-d10	20.86	212	2492786	30.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	1749568	28.16	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	10159	0.92	ng/uL#	73
4) Benzaldehyde	7.73	77	52531	2.24	ng/ul#	71
6) Phenol	7.83	94	89931	2.49	ng/ul#	26
8) Bis(2-Chloroethyl)ether	8.06	93	79984	2.68	ng/ul	86
10) 2-Chlorophenol	8.22	128	90612	2.52	ng/ul#	67
11) 2-Methylphenol	9.16	108	72550	2.50	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	9.25	45	154478	2.94	ng/ul#	86
14) Acetophenone	9.54	105	112987	2.56	ng/ul#	81
15) N-Nitroso-di-n-propylamine	9.54	70	68376	2.62	ng/ul#	54
16) 4-Methylphenol	9.51	108	74476	2.37	ng/ul	99
17) Hexachloroethane	9.83	117	43231	2.48	ng/ul#	57
20) Nitrobenzene	9.93	77	100113	2.74	ng/ul#	97
21) Isophorone	10.49	82	193885	2.76	ng/ul#	96
23) 2-Nitrophenol	10.70	139	55402	2.54	ng/ul	94
24) 2,4-Dimethylphenol	10.78	107	92630	2.59	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.99	93	89526	2.64	ng/ul#	95
27) 2,4-Dichlorophenol	11.26	162	75564	2.55	ng/ul#	72
28) Naphthalene	11.68	128	247995	2.77	ng/ul	100
30) 4-Chloroaniline	11.78	127	93285	2.76	ng/ul	99
31) Hexachlorobutadiene	12.03	225	49774	2.46	ng/ul	95
32) Caprolactam	12.59	113	24389	2.26	ng/ul	85
33) 4-Chloro-3-methylphenol	12.95	107	75653	2.56	ng/ul	91
34) 2-Methylnaphthalene	13.34	142	164339	2.66	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	82419	2.44 ng/ul#	96
37) Hexachlorocyclopentadiene	13.74	237	30972	1.45 ng/ul	96
38) 2,4,6-Trichlorophenol	13.97	196	47861	2.33 ng/ul	96
39) 2,4,5-Trichlorophenol	14.03	196	51091	2.34 ng/ul	98
40) 1,1'-Biphenyl	14.38	154	189819	2.57 ng/ul#	97
41) 2-Chloronaphthalene	14.41	162	151066	2.57 ng/ul	97
42) 2-Nitroaniline	14.59	65	54515	2.41 ng/ul#	69
44) Dimethylphthalate	14.99	163	182530	2.49 ng/ul#	98
45) 2,6-Dinitrotoluene	15.11	165	43608	2.36 ng/ul#	84
47) Acenaphthylene	15.28	152	232762	2.78 ng/ul	99
48) 3-Nitroaniline	14.61	138	53512	2.21 ng/ul#	38
49) Acenaphthene	15.65	153	150179	2.61 ng/ul	95
50) 2,4-Dinitrophenol	15.67	184	16666	1.26 ng/ul#	72
52) 4-Nitrophenol	15.86	109	523	0.04 ng/ul#	4
53) Dibenzofuran	15.99	168	217833	2.66 ng/ul	97
54) 2,4-Dinitrotoluene	15.94	165	60044	2.33 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	16.30	232	1345	0.07 ng/ul#	1
56) Diethylphthalate	16.42	149	216417	2.85 ng/ul	95
58) Fluorene	16.67	166	167831	2.52 ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	92742	2.59 ng/ul	96
60) 4-Nitroaniline	16.65	138	24635	1.29 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	16.72	198	36763	1.99 ng/ul#	1
64) N-Nitrosodiphenylamine	16.86	169	146006	2.59 ng/ul	92
65) 4-Bromophenyl-phenylether	17.57	248	52724	2.36 ng/ul#	88
66) Hexachlorobenzene	17.73	284	52474	2.34 ng/ul#	70
67) Atrazine	17.84	200	52670	2.46 ng/ul	93
68) Pentachlorophenol	18.07	266	27905	1.76 ng/ul	95
69) Phenanthrene	18.46	178	242992	2.80 ng/ul	99
71) Anthracene	18.55	178	251397	2.83 ng/ul	100
72) Carbazole	18.82	167	207586	2.80 ng/ul	98
73) Di-n-butylphthalate	19.40	149	373029	3.08 ng/ul	98
74) Fluoranthene	20.52	202	266244	3.01 ng/ul	98
77) Pyrene	20.88	202	268410	2.75 ng/ul#	90
78) Butylbenzylphthalate	21.79	149	171939	2.72 ng/ul#	94
79) 3,3'-Dichlorobenzidine	22.67	252	47387	1.44 ng/ul	96
80) Benzo(a)anthracene	22.77	228	245759	2.59 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.67	149	227587	2.71 ng/ul	98
82) Chrysene	22.83	228	233226	2.62 ng/ul	97
84) Di-n-octyl phthalate	22.67	149	227587	3.21 ng/ul#	47
85) Benzo(b)fluoranthene	24.91	252	196538	2.19 ng/ul	98
86) Benzo(k)fluoranthene	24.91	252	196538	2.82 ng/ul	96
88) Benzo(a)pyrene	25.72	252	181922	2.41 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.12	276	124825	1.89 ng/ul#	91
90) Dibenzo(a,h)anthracene	29.16	278	97365	1.78 ng/ul#	87
91) Benzo(g,h,i)perylene	30.13	276	102446	1.96 ng/ul#	92

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

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