Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\Data\BB101316\
Data File : BB058625.D
Acq On : 13 Oct 2016 10:04
Operator : UM/SJ
Sample : MDL-BLK-S
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : MDL-BLK-S

Quant Time: Oct 13 11:26:27 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	548779	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	1988596	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1219562	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.42	188	1891363	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	2003661	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1560111	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	66062	5.45	ng/uL	0.02
5) Phenol-d5	7.81	99	1021693	25.63	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.96	67	725482	27.16	ng/ul	0.02
9) 2-Chlorophenol-d4	8.20	132	1132786	27.39	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	841218	25.49	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	579018	28.16	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	651909	29.47	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.24	165	870664	27.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1240543	32.86	ng/ul	0.02
43) Dimethylphthalate-d6	14.95	166	2213823	27.30	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	2736916	28.62	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	398196	21.38	ng/ul	-0.02
57) Fluorene-d10	16.61	176	1968338	29.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	454233	22.62	ng/ul	0.00
70) Anthracene-d10	18.42	188	1891363	22.36	ng/ul	-0.12
76) Pyrene-d10	20.86	212	2667334	30.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	2012470	28.25	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.71	88	701	0.06	ng/uL#	23
4) Benzaldehyde	7.70	77	2447	0.10	ng/ul#	5
6) Phenol	7.83	94	854	0.02	ng/ul#	1
8) Bis(2-Chloroethyl)ether	8.06	93	3908	0.12	ng/ul#	27
10) 2-Chlorophenol	8.27	128	331	0.01	ng/ul#	83
11) 2-Methylphenol	9.02	108	140	0.00	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	9.25	45	335	0.01	ng/ul#	1
14) Acetophenone	9.54	105	1065	0.02	ng/ul#	1
15) N-Nitroso-di-n-propylamine	9.52	70	482	0.02	ng/ul#	1
16) 4-Methylphenol	9.39	108	67	0.00	ng/ul	84
17) Hexachloroethane	9.83	117	189	0.01	ng/ul#	18
20) Nitrobenzene	9.89	77	5718	0.15	ng/ul#	38
21) Isophorone	10.51	82	900	0.01	ng/ul#	76
23) 2-Nitrophenol	10.66	139	878	0.04	ng/ul#	1
24) 2,4-Dimethylphenol	10.78	107	529	0.01	ng/ul#	73
25) Bis(2-Chloroethoxy)methane	11.01	93	610	0.02	ng/ul#	92
27) 2,4-Dichlorophenol	11.24	162	638	0.02	ng/ul#	1
28) Naphthalene	11.68	128	755	0.01	ng/ul#	1
30) 4-Chloroaniline	11.76	127	1478	0.04	ng/ul#	1
32) Caprolactam	12.55	113	345	0.03	ng/ul#	90
33) 4-Chloro-3-methylphenol	12.95	107	954	0.03	ng/ul#	25
34) 2-Methylnaphthalene	13.34	142	461	0.01	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	328	0.01	ng/ul#	1

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
38) 2,4,6-Trichlorophenol	14.03	196	263	0.01 ng/ul#	33
39) 2,4,5-Trichlorophenol	14.03	196	263	0.01 ng/ul#	33
40) 1,1'-Biphenyl	14.36	154	658	0.01 ng/ul#	1
41) 2-Chloronaphthalene	14.41	162	290	0.00 ng/ul#	1
42) 2-Nitroaniline	14.63	65	364	0.01 ng/ul#	28
44) Dimethylphthalate	14.95	163	2381	0.03 ng/ul#	1
45) 2,6-Dinitrotoluene	15.11	165	598	0.03 ng/ul#	1
47) Acenaphthylene	15.28	152	982	0.01 ng/ul#	26
48) 3-Nitroaniline	14.65	138	215	0.01 ng/ul#	1
49) Acenaphthene	15.65	153	187	0.00 ng/ul#	29
50) 2,4-Dinitrophenol	15.65	184	788	0.05 ng/ul#	61
52) 4-Nitrophenol	15.84	109	333	0.02 ng/ul#	1
53) Dibenzofuran	16.03	168	605	0.01 ng/ul#	54
54) 2,4-Dinitrotoluene	15.95	165	1057	0.04 ng/ul#	1
55) 2,3,4,6-Tetrachlorophenol	16.24	232	723	0.03 ng/ul#	1
56) Diethylphthalate	16.46	149	162	0.00 ng/ul#	58
58) Fluorene	16.71	166	530	0.01 ng/ul#	18
59) 4-Chlorophenyl-phenylether	16.63	204	703	0.02 ng/ul#	1
60) 4-Nitroaniline	16.72	138	781	0.04 ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	16.72	198	1904	0.09 ng/ul#	1
64) N-Nitrosodiphenylamine	16.88	169	520	0.01 ng/ul#	29
67) Atrazine	17.84	200	470	0.02 ng/ul#	58
68) Pentachlorophenol	18.09	266	392	0.02 ng/ul#	41
69) Phenanthrene	18.44	178	1659	0.02 ng/ul#	1
71) Anthracene	18.53	178	1760	0.02 ng/ul#	1
72) Carbazole	18.82	167	940	0.01 ng/ul#	1
73) Di-n-butylphthalate	19.40	149	2268	0.02 ng/ul#	80
74) Fluoranthene	20.52	202	657	0.01 ng/ul#	42
77) Pyrene	20.86	202	3996	0.04 ng/ul#	1
78) Butylbenzylphthalate	21.79	149	565	0.01 ng/ul#	1
79) 3,3'-Dichlorobenzidine	22.69	252	328	0.01 ng/ul#	1
80) Benzo(a)anthracene	22.79	228	5927	0.06 ng/ul#	66
81) Bis(2-ethylhexyl)phthalate	22.67	149	1339	0.01 ng/ul#	4
82) Chrysene	22.79	228	5927	0.06 ng/ul#	64
84) Di-n-octyl phthalate	22.67	149	1339	0.02 ng/ul#	1
85) Benzo(b)fluoranthene	24.91	252	545	0.01 ng/ul#	64
86) Benzo(k)fluoranthene	24.95	252	511	0.01 ng/ul#	5
88) Benzo(a)pyrene	25.73	252	536	0.01 ng/ul#	76
89) Indeno(1,2,3-cd)pyrene	29.20	276	285	0.00 ng/ul#	52
90) Dibenzo(a,h)anthracene	29.28	278	590	0.01 ng/ul#	1
91) Benzo(g,h,i)perylene	30.20	276	283	0.00 ng/ul#	19

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

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