Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101816\
Data File : BB058639.D
Acq On : 18 Oct 2016 13:32
Operator : UM/SJ
Sample : MDL-03-S-ML
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-03-S-ML

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Quant Time: Oct 19 12:18:17 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 12:01:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	499859	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.64	136	1920641	20.00	ng/ul	-0.02
35) Acenaphthene-d10	15.59	164	1074926	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.44	188	1811227m	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1766582	20.00	ng/ul	-0.02
83) Perylene-d12	25.89	264	1299685	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	68290	6.19	ng/uL	0.00
5) Phenol-d5	7.83	99	980320	27.00	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.97	67	734328	30.19	ng/ul	-0.02
9) 2-Chlorophenol-d4	8.22	132	1050304	27.88	ng/ul	0.00
13) 4-Methylphenol-d8	9.47	113	805281	26.79	ng/ul	-0.02
19) Nitrobenzene-d5	9.91	128	536203	27.00	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.68	143	589044	27.57	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.26	165	765735	25.28	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.78	131	1095039	30.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.97	166	2141968	29.97	ng/ul	0.00
46) Acenaphthylene-d8	15.28	160	2540758	30.14	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	374550	22.82	ng/ul	-0.02
57) Fluorene-d10	16.63	176	1728492	29.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.73	200	394624	20.52	ng/ul	-0.02
70) Anthracene-d10	18.53	188	2251104	27.79	ng/ul	0.00
76) Pyrene-d10	20.88	212	2467640	31.79	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.68	264	1655427	27.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.71	88	10630	0.97	ng/uL#	84
4) Benzaldehyde	7.75	77	50468	2.16	ng/ul#	82
6) Phenol	7.85	94	89656	2.49	ng/ul#	41
8) Bis(2-Chloroethyl)ether	8.06	93	83452	2.81	ng/ul#	74
10) 2-Chlorophenol	8.23	128	92627	2.58	ng/ul#	73
11) 2-Methylphenol	9.18	108	75494	2.61	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	9.27	45	161740	3.10	ng/ul#	88
14) Acetophenone	9.56	105	115763	2.63	ng/ul#	87
15) N-Nitroso-di-n-propylamine	9.56	70	68639	2.64	ng/ul#	54
16) 4-Methylphenol	9.52	108	75767	2.43	ng/ul	93
17) Hexachloroethane	9.85	117	45420	2.62	ng/ul#	62
20) Nitrobenzene	9.95	77	115195	3.09	ng/ul#	98
21) Isophorone	10.51	82	193085	2.68	ng/ul#	96
23) 2-Nitrophenol	10.70	139	54143	2.43	ng/ul#	78
24) 2,4-Dimethylphenol	10.78	107	90281	2.47	ng/ul	96
25) Bis(2-Chloroethoxy)methane	11.01	93	92319	2.66	ng/ul#	95
27) 2,4-Dichlorophenol	11.28	162	71304	2.35	ng/ul#	81
28) Naphthalene	11.70	128	244000	2.67	ng/ul	99
30) 4-Chloroaniline	11.80	127	92627	2.68	ng/ul	93
31) Hexachlorobutadiene	12.05	225	49017	2.37	ng/ul	96
32) Caprolactam	12.59	113	21905	1.99	ng/ul	94
33) 4-Chloro-3-methylphenol	12.97	107	75470	2.50	ng/ul	86
34) 2-Methylnaphthalene	13.36	142	160230	2.54	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	85703	2.60	ng/ul#	91
37) Hexachlorocyclopentadiene	13.74	237	30832	1.48	ng/ul	94
38) 2,4,6-Trichlorophenol	13.97	196	47455	2.37	ng/ul	99
39) 2,4,5-Trichlorophenol	14.05	196	49371	2.32	ng/ul	98
40) 1,1'-Biphenyl	14.38	154	191727	2.66	ng/ul	99
41) 2-Chloronaphthalene	14.41	162	142639	2.48	ng/ul#	89
42) 2-Nitroaniline	14.61	65	56452	2.56	ng/ul#	77
44) Dimethylphthalate	15.01	163	194706	2.72	ng/ul#	96
45) 2,6-Dinitrotoluene	15.13	165	42245	2.34	ng/ul	98
47) Acenaphthylene	15.30	152	242627	2.97	ng/ul	98
48) 3-Nitroaniline	14.61	138	52085	2.20	ng/ul#	50
49) Acenaphthene	15.67	153	144608	2.58	ng/ul	90
50) 2,4-Dinitrophenol	15.67	184	13785	1.07	ng/ul#	1
52) 4-Nitrophenol	15.80	109	31409	2.35	ng/ul	83
53) Dibenzofuran	15.99	168	206907	2.59	ng/ul#	81
54) 2,4-Dinitrotoluene	15.94	165	60825	2.41	ng/ul#	54
55) 2,3,4,6-Tetrachlorophenol	16.24	232	42102	2.26	ng/ul#	79
56) Diethylphthalate	16.44	149	206949	2.79	ng/ul	94
58) Fluorene	16.67	166	163223	2.51	ng/ul	93
59) 4-Chlorophenyl-phenylether	16.67	204	86173	2.46	ng/ul	96
60) 4-Nitroaniline	16.67	138	26790	1.44	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.74	198	41292	2.15	ng/ul#	60
64) N-Nitrosodiphenylamine	16.88	169	140387	2.40	ng/ul	93
65) 4-Bromophenyl-phenylether	17.59	248	51374	2.22	ng/ul	97
66) Hexachlorobenzene	17.75	284	54660	2.35	ng/ul#	88
67) Atrazine	17.86	200	49724	2.23	ng/ul	89
68) Pentachlorophenol	18.09	266	25705	1.56	ng/ul	93
69) Phenanthrene	18.48	178	240825m	2.67	ng/ul	
71) Anthracene	18.57	178	242162	2.63	ng/ul	100
72) Carbazole	18.82	167	196000	2.55	ng/ul#	94
73) Di-n-butylphthalate	19.42	149	343159	2.73	ng/ul	97
74) Fluoranthene	20.52	202	236733	2.58	ng/ul#	87
77) Pyrene	20.90	202	281563	3.05	ng/ul#	95
78) Butylbenzylphthalate	21.81	149	141014	2.36	ng/ul#	80
79) 3,3'-Dichlorobenzidine	22.67	252	42373	1.36	ng/ul#	95
80) Benzo(a)anthracene	22.77	228	241284	2.68	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.69	149	193629	2.43	ng/ul#	95
82) Chrysene	22.85	228	216795	2.57	ng/ul	97
84) Di-n-octyl phthalate	22.69	149	193629	2.86	ng/ul#	60
85) Benzo(b)fluoranthene	24.91	252	203115m	2.37	ng/ul	
86) Benzo(k)fluoranthene	24.98	252	180091	2.71	ng/ul	99
88) Benzo(a)pyrene	25.74	252	167858	2.32	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.14	276	119911	1.90	ng/ul#	93
90) Dibenzo(a,h)anthracene	29.18	278	87884	1.68	ng/ul#	88
91) Benzo(g,h,i)perylene	30.16	276	98591	1.98	ng/ul	94

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

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