Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101816\
Data File : BB058640.D
Acq On : 18 Oct 2016 14:13
Operator : UM/SJ
Sample : MDL-04-S-ML
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-04-S-ML

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10/19/2016 1:46:47 PM

Quant Time: Oct 19 12:23:50 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	514600	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.64	136	1949758	20.00	ng/ul	-0.02
35) Acenaphthene-d10	15.59	164	1118451	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.44	188	1819924m	20.00	ng/ul	0.00
75) Chrysene-d12	22.81	240	1855183	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	1333368	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	84262	7.42	ng/uL	0.00
5) Phenol-d5	7.83	99	1185363	31.71	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.96	67	887439	35.44	ng/ul	-0.02
9) 2-Chlorophenol-d4	8.21	132	1260149	32.50	ng/ul	0.00
13) 4-Methylphenol-d8	9.47	113	989644	31.98	ng/ul	-0.02
19) Nitrobenzene-d5	9.91	128	640234	31.76	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.68	143	727905	33.56	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.26	165	945072	30.74	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.78	131	1347441	36.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.97	166	2635469	35.44	ng/ul	0.00
46) Acenaphthylene-d8	15.28	160	3077332	35.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	479035	28.05	ng/ul	-0.02
57) Fluorene-d10	16.63	176	2139646	35.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	504731	26.12	ng/ul	-0.02
70) Anthracene-d10	18.53	188	2640994	32.45	ng/ul	0.00
76) Pyrene-d10	20.88	212	3153684	38.69	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.68	264	2073218	34.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.71	88	13414	1.19	ng/uL#	87
4) Benzaldehyde	7.75	77	63274	2.63	ng/ul	89
6) Phenol	7.85	94	109101	2.95	ng/ul#	41
8) Bis(2-Chloroethyl)ether	8.06	93	102363	3.35	ng/ul#	76
10) 2-Chlorophenol	8.23	128	109449	2.97	ng/ul#	73
11) 2-Methylphenol	9.18	108	85060	2.86	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.27	45	200242	3.72	ng/ul#	86
14) Acetophenone	9.56	105	136431	3.01	ng/ul#	76
15) N-Nitroso-di-n-propylamine	9.56	70	85241	3.18	ng/ul#	57
16) 4-Methylphenol	9.52	108	97233	3.02	ng/ul	97
17) Hexachloroethane	9.85	117	55187	3.09	ng/ul#	60
20) Nitrobenzene	9.95	77	131938	3.49	ng/ul#	96
21) Isophorone	10.51	82	241493	3.31	ng/ul#	96
23) 2-Nitrophenol	10.72	139	68379	3.02	ng/ul	92
24) 2,4-Dimethylphenol	10.78	107	113703	3.07	ng/ul	96
25) Bis(2-Chloroethoxy)methane	11.01	93	112595	3.20	ng/ul#	94
27) 2,4-Dichlorophenol	11.28	162	90625	2.94	ng/ul#	85
28) Naphthalene	11.70	128	296569	3.19	ng/ul	99
30) 4-Chloroaniline	11.80	127	116877	3.33	ng/ul	97
31) Hexachlorobutadiene	12.05	225	59440	2.83	ng/ul	96
32) Caprolactam	12.60	113	29021m	2.59	ng/ul	
33) 4-Chloro-3-methylphenol	12.95	107	90802	2.96	ng/ul	91
34) 2-Methylnaphthalene	13.36	142	195436	3.05	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	100602	2.93 ng/ul#	97
37) Hexachlorocyclopentadiene	13.74	237	39977	1.84 ng/ul	88
38) 2,4,6-Trichlorophenol	13.97	196	57887	2.77 ng/ul	98
39) 2,4,5-Trichlorophenol	14.05	196	59955	2.71 ng/ul	94
40) 1,1'-Biphenyl	14.38	154	237092	3.16 ng/ul	99
41) 2-Chloronaphthalene	14.41	162	178298	2.98 ng/ul#	91
42) 2-Nitroaniline	14.61	65	68414	2.98 ng/ul#	81
44) Dimethylphthalate	15.01	163	235168	3.16 ng/ul#	97
45) 2,6-Dinitrotoluene	15.13	165	55416	2.95 ng/ul	97
47) Acenaphthylene	15.30	152	298598	3.51 ng/ul	99
48) 3-Nitroaniline	14.61	138	65308	2.66 ng/ul#	47
49) Acenaphthene	15.65	153	177605	3.04 ng/ul	94
50) 2,4-Dinitrophenol	15.67	184	20563	1.54 ng/ul#	1
52) 4-Nitrophenol	15.80	109	42095	3.03 ng/ul	86
53) Dibenzofuran	15.99	168	250470	3.01 ng/ul#	81
54) 2,4-Dinitrotoluene	15.94	165	72805	2.78 ng/ul#	53
55) 2,3,4,6-Tetrachlorophenol	16.24	232	51531	2.66 ng/ul#	84
56) Diethylphthalate	16.44	149	251506	3.26 ng/ul	96
58) Fluorene	16.67	166	199720	2.95 ng/ul	93
59) 4-Chlorophenyl-phenylether	16.67	204	102270	2.81 ng/ul	96
60) 4-Nitroaniline	16.67	138	36289	1.87 ng/ul#	88
63) 4,6-Dinitro-2-methylphenol	16.74	198	50805m	2.63 ng/ul	
64) N-Nitrosodiphenylamine	16.88	169	165957	2.83 ng/ul	95
65) 4-Bromophenyl-phenylether	17.59	248	61372	2.63 ng/ul	96
66) Hexachlorobenzene	17.75	284	55643	2.38 ng/ul#	85
67) Atrazine	17.86	200	59961	2.68 ng/ul#	88
68) Pentachlorophenol	18.09	266	32415	1.96 ng/ul	95
69) Phenanthrene	18.48	178	287433m	3.17 ng/ul	
71) Anthracene	18.57	178	293258	3.17 ng/ul	100
72) Carbazole	18.84	167	231335	2.99 ng/ul	98
73) Di-n-butylphthalate	19.42	149	421728	3.34 ng/ul	98
74) Fluoranthene	20.54	202	288615	3.13 ng/ul#	92
77) Pyrene	20.90	202	358345	3.70 ng/ul	99
78) Butylbenzylphthalate	21.81	149	173968	2.77 ng/ul#	85
79) 3,3'-Dichlorobenzidine	22.67	252	51417	1.57 ng/ul#	92
80) Benzo(a)anthracene	22.77	228	293414	3.11 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	22.69	149	236798	2.83 ng/ul#	97
82) Chrysene	22.85	228	265738	3.00 ng/ul	99
84) Di-n-octyl phthalate	22.69	149	236798	3.41 ng/ul#	62
85) Benzo(b)fluoranthene	24.91	252	239706m	2.72 ng/ul	
86) Benzo(k)fluoranthene	24.98	252	225944	3.31 ng/ul	97
88) Benzo(a)pyrene	25.74	252	207076	2.79 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.16	276	145949	2.25 ng/ul#	91
90) Dibenzo(a,h)anthracene	29.18	278	114231	2.13 ng/ul#	88
91) Benzo(g,h,i)perylene	30.16	276	117213	2.29 ng/ul#	90

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

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