Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101816\
Data File : BB058641.D
Acq On : 18 Oct 2016 14:54
Operator : UM/SJ
Sample : MDL-05-S-ML
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-05-S-ML

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Quant Time: Oct 19 12:26:22 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	576348	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.64	136	2185235	20.00	ng/ul	-0.02
35) Acenaphthene-d10	15.59	164	1253736	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.44	188	2090218	20.00	ng/ul	0.00
75) Chrysene-d12	22.81	240	2122738	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	1509587	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	81437	6.40	ng/uL	0.00
5) Phenol-d5	7.83	99	1250520	29.87	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.98	67	949942	33.87	ng/ul	0.00
9) 2-Chlorophenol-d4	8.21	132	1321103	30.42	ng/ul	0.00
13) 4-Methylphenol-d8	9.47	113	1028875	29.68	ng/ul	-0.02
19) Nitrobenzene-d5	9.91	128	662853	29.34	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.68	143	758653	31.20	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.26	165	993732	28.84	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.78	131	1415404	34.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.97	166	2697838	32.36	ng/ul	0.00
46) Acenaphthylene-d8	15.28	160	3182981	32.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	493562	25.78	ng/ul	-0.02
57) Fluorene-d10	16.63	176	2269915	33.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.74	200	527404	23.76	ng/ul	0.00
70) Anthracene-d10	18.53	188	2763134	29.56	ng/ul	0.00
76) Pyrene-d10	20.88	212	3248760	34.83	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.68	264	2151242	31.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.71	88	14540	1.15	ng/uL#	84
4) Benzaldehyde	7.75	77	68591	2.54	ng/ul#	84
6) Phenol	7.85	94	119989	2.89	ng/ul#	33
8) Bis(2-Chloroethyl)ether	8.08	93	109072	3.19	ng/ul#	83
10) 2-Chlorophenol	8.23	128	119154	2.88	ng/ul#	69
11) 2-Methylphenol	9.18	108	96763	2.90	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	9.27	45	217307	3.61	ng/ul#	84
14) Acetophenone	9.56	105	151073	2.98	ng/ul#	83
15) N-Nitroso-di-n-propylamine	9.56	70	93498	3.12	ng/ul#	53
16) 4-Methylphenol	9.52	108	99163	2.75	ng/ul	98
17) Hexachloroethane	9.85	117	57519	2.87	ng/ul#	59
20) Nitrobenzene	9.95	77	130855	3.08	ng/ul#	94
21) Isophorone	10.51	82	250189	3.06	ng/ul#	97
23) 2-Nitrophenol	10.72	139	71594	2.82	ng/ul	93
24) 2,4-Dimethylphenol	10.79	107	122658	2.95	ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.01	93	118395	3.00	ng/ul#	97
27) 2,4-Dichlorophenol	11.28	162	95810	2.78	ng/ul#	77
28) Naphthalene	11.70	128	319937	3.07	ng/ul	99
30) 4-Chloroaniline	11.80	127	124444	3.16	ng/ul	96
31) Hexachlorobutadiene	12.05	225	63506	2.69	ng/ul	98
32) Caprolactam	12.60	113	30695	2.45	ng/ul	89
33) 4-Chloro-3-methylphenol	12.97	107	99109	2.88	ng/ul	91
34) 2-Methylnaphthalene	13.35	142	210102	2.93	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	108258	2.81	ng/ul#	95
37) Hexachlorocyclopentadiene	13.74	237	40395	1.66	ng/ul#	93
38) 2,4,6-Trichlorophenol	13.97	196	59690	2.55	ng/ul	98
39) 2,4,5-Trichlorophenol	14.05	196	65803	2.65	ng/ul	97
40) 1,1'-Biphenyl	14.38	154	241749	2.88	ng/ul#	98
41) 2-Chloronaphthalene	14.41	162	188560	2.81	ng/ul#	91
42) 2-Nitroaniline	14.61	65	76177	2.96	ng/ul#	79
44) Dimethylphthalate	15.01	163	246544	2.96	ng/ul#	97
45) 2,6-Dinitrotoluene	15.13	165	55742	2.65	ng/ul	96
47) Acenaphthylene	15.30	152	312556	3.28	ng/ul	99
48) 3-Nitroaniline	14.61	138	71397	2.59	ng/ul#	48
49) Acenaphthene	15.67	153	187923	2.87	ng/ul	90
50) 2,4-Dinitrophenol	15.67	184	20773	1.38	ng/ul#	1
52) 4-Nitrophenol	15.80	109	46519	2.99	ng/ul	88
53) Dibenzofuran	15.99	168	266780	2.86	ng/ul#	84
54) 2,4-Dinitrotoluene	15.93	165	77922	2.65	ng/ul#	53
55) 2,3,4,6-Tetrachlorophenol	16.24	232	53958	2.49	ng/ul#	76
56) Diethylphthalate	16.44	149	265920	3.07	ng/ul	96
58) Fluorene	16.67	166	213207	2.81	ng/ul	90
59) 4-Chlorophenyl-phenylether	16.67	204	113100	2.77	ng/ul	96
60) 4-Nitroaniline	16.67	138	42564	1.96	ng/ul#	87
63) 4,6-Dinitro-2-methylphenol	16.74	198	54766	2.47	ng/ul#	31
64) N-Nitrosodiphenylamine	16.88	169	181284	2.69	ng/ul	95
65) 4-Bromophenyl-phenylether	17.59	248	65126	2.43	ng/ul	96
66) Hexachlorobenzene	17.74	284	61959	2.31	ng/ul#	86
67) Atrazine	17.86	200	64229	2.50	ng/ul#	89
68) Pentachlorophenol	18.09	266	32829	1.73	ng/ul	97
69) Phenanthrene	18.48	178	314712	3.02	ng/ul	99
71) Anthracene	18.57	178	319432	3.01	ng/ul	100
72) Carbazole	18.84	167	253404	2.86	ng/ul	98
73) Di-n-butylphthalate	19.42	149	483272	3.33	ng/ul	98
74) Fluoranthene	20.54	202	304419	2.87	ng/ul#	94
77) Pyrene	20.90	202	374948	3.38	ng/ul	100
78) Butylbenzylphthalate	21.81	149	187474	2.61	ng/ul	86
79) 3,3'-Dichlorobenzidine	22.69	252	54305	1.45	ng/ul#	97
80) Benzo(a)anthracene	22.77	228	314210	2.91	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.69	149	265191	2.77	ng/ul#	97
82) Chrysene	22.85	228	290580	2.87	ng/ul	97
84) Di-n-octyl phthalate	22.69	149	265191	3.37	ng/ul#	59
85) Benzo(b)fluoranthene	24.93	252	255323	2.56	ng/ul	99
86) Benzo(k)fluoranthene	24.98	252	238871m	3.09	ng/ul	
88) Benzo(a)pyrene	25.73	252	223207	2.66	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.16	276	151427	2.07	ng/ul#	90
90) Dibenzo(a,h)anthracene	29.18	278	120764	1.99	ng/ul#	88
91) Benzo(g,h,i)perylene	30.14	276	126636	2.19	ng/ul#	87

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

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