Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101316\
Data File : BB058627.D
Acq On : 13 Oct 2016 11:26
Operator : UM/SJ
Sample : MDL-02-S
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
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Quant Time: Oct 13 12:52:37 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	549361	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	2032177	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1242425	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.42	188	1902047	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	2021606	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1552175	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	56248	4.64	ng/uL	0.02
5) Phenol-d5	7.81	99	797296	19.98	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.97	67	572524	21.41	ng/ul	0.02
9) 2-Chlorophenol-d4	8.20	132	880274	21.26	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	671107	20.31	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	450835	21.46	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	508240	22.48	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.24	165	684623	21.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	918138	23.80	ng/ul	0.02
43) Dimethylphthalate-d6	14.95	166	1759045	21.29	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	2168225	22.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	316144	16.66	ng/ul	-0.02
57) Fluorene-d10	16.61	176	1511037	22.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.73	200	350832	17.37	ng/ul	0.00
70) Anthracene-d10	18.53	188	1972662m	23.19	ng/ul	0.00
76) Pyrene-d10	20.86	212	2155540	24.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	1510713	21.31	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	7542	0.63	ng/uL#	81
4) Benzaldehyde	7.73	77	48221	1.88	ng/ul#	81
6) Phenol	7.83	94	78387	1.98	ng/ul#	33
8) Bis(2-Chloroethyl)ether	8.06	93	69328	2.12	ng/ul#	81
10) 2-Chlorophenol	8.22	128	81497	2.07	ng/ul#	69
11) 2-Methylphenol	9.16	108	62918	1.98	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.25	45	127802	2.23	ng/ul#	89
14) Acetophenone	9.54	105	98014	2.03	ng/ul#	76
15) N-Nitroso-di-n-propylamine	9.54	70	60291	2.11	ng/ul#	57
16) 4-Methylphenol	9.51	108	66719	1.94	ng/ul	99
17) Hexachloroethane	9.83	117	40231	2.11	ng/ul#	59
20) Nitrobenzene	9.93	77	85973	2.18	ng/ul#	97
21) Isophorone	10.49	82	166038	2.18	ng/ul	97
23) 2-Nitrophenol	10.70	139	50383	2.14	ng/ul#	86
24) 2,4-Dimethylphenol	10.78	107	80926	2.09	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.99	93	76047	2.07	ng/ul#	95
27) 2,4-Dichlorophenol	11.26	162	67326	2.10	ng/ul#	79
28) Naphthalene	11.68	128	218039	2.25	ng/ul	99
30) 4-Chloroaniline	11.78	127	83193	2.27	ng/ul	95
31) Hexachlorobutadiene	12.03	225	46272	2.11	ng/ul	97
32) Caprolactam	12.57	113	21059	1.81	ng/ul	92
33) 4-Chloro-3-methylphenol	12.95	107	67248	2.10	ng/ul#	85
34) 2-Methylnaphthalene	13.34	142	148241	2.22	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	78715	2.06 ng/ul#	96
37) Hexachlorocyclopentadiene	13.74	237	26381	1.10 ng/ul	98
38) 2,4,6-Trichlorophenol	13.97	196	45188	1.95 ng/ul	92
39) 2,4,5-Trichlorophenol	14.03	196	46786	1.90 ng/ul	98
40) 1,1'-Biphenyl	14.38	154	175247	2.10 ng/ul#	97
41) 2-Chloronaphthalene	14.41	162	134831	2.03 ng/ul	99
42) 2-Nitroaniline	14.59	65	48278	1.89 ng/ul#	68
44) Dimethylphthalate	14.99	163	170640	2.07 ng/ul#	97
45) 2,6-Dinitrotoluene	15.11	165	39634	1.90 ng/ul	92
47) Acenaphthylene	15.28	152	214211	2.27 ng/ul	97
48) 3-Nitroaniline	14.61	138	47387	1.74 ng/ul#	36
49) Acenaphthene	15.65	153	139904	2.16 ng/ul	93
50) 2,4-Dinitrophenol	15.67	184	13544	0.91 ng/ul#	61
52) 4-Nitrophenol	15.78	109	28376	1.84 ng/ul	82
53) Dibenzofuran	15.99	168	191067	2.07 ng/ul	98
54) 2,4-Dinitrotoluene	15.94	165	54945	1.89 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	16.22	232	39187	1.82 ng/ul#	69
56) Diethylphthalate	16.42	149	195830	2.28 ng/ul	94
58) Fluorene	16.67	166	159368	2.12 ng/ul	88
59) 4-Chlorophenyl-phenylether	16.65	204	81449	2.02 ng/ul	92
60) 4-Nitroaniline	16.65	138	25856	1.20 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	16.73	198	32082	1.59 ng/ul#	1
64) N-Nitrosodiphenylamine	16.86	169	129909	2.12 ng/ul	94
65) 4-Bromophenyl-phenylether	17.57	248	47692	1.96 ng/ul#	88
66) Hexachlorobenzene	17.73	284	49585	2.03 ng/ul#	67
67) Atrazine	17.84	200	50618	2.17 ng/ul	92
68) Pentachlorophenol	18.07	266	24879	1.44 ng/ul	99
69) Phenanthrene	18.46	178	219257	2.32 ng/ul	99
71) Anthracene	18.55	178	220928	2.28 ng/ul	99
72) Carbazole	18.82	167	188893	2.34 ng/ul#	96
73) Di-n-butylphthalate	19.40	149	318150	2.41 ng/ul	98
74) Fluoranthene	20.52	202	242639	2.52 ng/ul	99
77) Pyrene	20.88	202	237418	2.25 ng/ul#	93
78) Butylbenzylphthalate	21.79	149	147953	2.16 ng/ul#	93
79) 3,3'-Dichlorobenzidine	22.67	252	43414	1.22 ng/ul#	93
80) Benzo(a)anthracene	22.77	228	233677	2.27 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	22.67	149	186723	2.05 ng/ul	99
82) Chrysene	22.83	228	198566	2.06 ng/ul	97
84) Di-n-octyl phthalate	22.67	149	186723	2.31 ng/ul#	40
85) Benzo(b)fluoranthene	24.91	252	178550	1.74 ng/ul	99
86) Benzo(k)fluoranthene	24.97	252	182795	2.30 ng/ul#	94
88) Benzo(a)pyrene	25.72	252	160357	1.86 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.12	276	118352	1.57 ng/ul#	93
90) Dibenzo(a,h)anthracene	29.16	278	90653	1.45 ng/ul#	91
91) Benzo(g,h,i)perylene	30.13	276	96602	1.62 ng/ul#	91

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

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