Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023193.D
Acq On : 20 Jul 2016 18:32
Operator : UM/SJ
Sample : MDL-01-W
Misc : MDL 4PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-01-W

Manual Integrations APPROVED
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7/21/2016 1:50:39 PM

Quant Time: Jul 21 10:30:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 21 04:24:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	93185	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	447274	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	343545	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	860150	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	896500	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	854176	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	7831	3.80	ng/uL	0.00
5) Phenol-d5	7.29	99	315292	32.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	223210	35.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	207263	32.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	251614	33.66	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	124158	34.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	145964	34.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	250934	31.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	367646	45.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	1081450	37.86	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	1150537	35.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	182121	36.13	ng/ul	0.00
57) Fluorene-d10	15.80	176	949070	36.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	204902	34.62	ng/ul	0.00
70) Anthracene-d10	17.67	188	1488042	36.96	ng/ul	0.00
76) Pyrene-d10	19.96	212	1713566	37.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1529164	38.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2196m	1.00	ng/uL	
4) Benzaldehyde	7.27	77	22254	3.73	ng/ul#	82
6) Phenol	7.31	94	23868	2.39	ng/ul#	53
8) Bis(2-Chloroethyl)ether	7.54	93	21388	2.85	ng/ul#	80
10) 2-Chlorophenol	7.70	128	17855	2.69	ng/ul#	86
11) 2-Methylphenol	8.58	108	19389	2.63	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.67	45	28625	2.82	ng/ul#	87
14) Acetophenone	8.97	105	39501	3.04	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.95	70	25398	2.96	ng/ul#	84
16) 4-Methylphenol	8.91	108	22566	2.74	ng/ul#	76
17) Hexachloroethane	9.23	117	8749	2.79	ng/ul#	82
20) Nitrobenzene	9.36	77	34508	2.99	ng/ul#	74
21) Isophorone	9.88	82	66880	3.04	ng/ul#	94
23) 2-Nitrophenol	10.08	139	11949	2.68	ng/ul#	48
24) 2,4-Dimethylphenol	10.13	107	28359	2.77	ng/ul#	62
25) Bis(2-Chloroethoxy)methane	10.37	93	35881	2.95	ng/ul	99
27) 2,4-Dichlorophenol	10.62	162	20341	2.62	ng/ul#	86
28) Naphthalene	11.03	128	65990	2.93	ng/ul#	90
30) 4-Chloroaniline	11.14	127	26001	3.09	ng/ul#	88
31) Hexachlorobutadiene	11.30	225	16854	2.70	ng/ul	87
32) Caprolactam	11.93	113	9779m	3.03	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	28101	2.75	ng/ul#	70
34) 2-Methylnaphthalene	12.63	142	53436	2.87	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	30405	2.65	ng/ul	96
37) Hexachlorocyclopentadiene	12.97	237	15057	2.02	ng/ul#	92
38) 2,4,6-Trichlorophenol	13.24	196	19853	2.50	ng/ul	93
39) 2,4,5-Trichlorophenol	13.32	196	20926	2.58	ng/ul	95
40) 1,1'-Biphenyl	13.64	154	76900	2.98	ng/ul#	90
41) 2-Chloronaphthalene	13.68	162	59526	2.87	ng/ul	95
42) 2-Nitroaniline	13.89	65	25332	2.74	ng/ul#	59
44) Dimethylphthalate	14.25	163	91988	3.18	ng/ul	98
45) 2,6-Dinitrotoluene	14.38	165	18816	3.00	ng/ul#	87
47) Acenaphthylene	14.54	152	101848	3.10	ng/ul	96
48) 3-Nitroaniline	14.71	138	16947	3.16	ng/ul#	59
49) Acenaphthene	14.88	153	63417	2.85	ng/ul	92
50) 2,4-Dinitrophenol	14.93	184	5539	1.41	ng/ul#	82
52) 4-Nitrophenol	15.02	109	19430	3.24	ng/ul#	51
53) Dibenzofuran	15.21	168	102134	3.12	ng/ul#	76
54) 2,4-Dinitrotoluene	15.17	165	29330	3.07	ng/ul#	51
55) 2,3,4,6-Tetrachlorophenol	15.43	232	21691	2.65	ng/ul#	91
56) Diethylphthalate	15.62	149	98161	3.19	ng/ul	98
58) Fluorene	15.86	166	84232	3.12	ng/ul#	99
59) 4-Chlorophenyl-phenylether	15.85	204	44168	2.98	ng/ul#	84
60) 4-Nitroaniline	15.88	138	20185	3.06	ng/ul#	59
63) 4,6-Dinitro-2-methylphenol	15.93	198	19032	3.04	ng/ul#	16
64) N-Nitrosodiphenylamine	16.06	169	78260	3.15	ng/ul	95
65) 4-Bromophenyl-phenylether	16.74	248	30041	3.04	ng/ul	90
66) Hexachlorobenzene	16.87	284	31155	3.07	ng/ul	97
67) Atrazine	17.01	200	33105	3.12	ng/ul	96
68) Pentachlorophenol	17.22	266	12775	2.03	ng/ul#	81
69) Phenanthrene	17.61	178	145591	3.29	ng/ul	99
71) Anthracene	17.71	178	151980	3.27	ng/ul	95
72) Carbazole	17.98	167	123510	3.38	ng/ul	99
73) Di-n-butylphthalate	18.52	149	164733	3.25	ng/ul#	97
74) Fluoranthene	19.62	202	183451	3.94	ng/ul#	92
77) Pyrene	19.99	202	194327	3.57	ng/ul#	91
78) Butylbenzylphthalate	20.86	149	72684	3.07	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.78	252	58662	3.28	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	183816	3.45	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.75	149	104331	3.23	ng/ul#	98
82) Chrysene	21.94	228	172032	3.56	ng/ul	95
84) Di-n-octyl phthalate	23.03	149	178495	3.77	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	168947	3.25	ng/ul#	85
86) Benzo(k)fluoranthene	24.28	252	164673	3.34	ng/ul#	94
88) Benzo(a)pyrene	25.13	252	157564	3.18	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.18	276	173767m	3.12	ng/ul	
90) Dibenzo(a,h)anthracene	29.27	278	135152	2.94	ng/ul#	92
91) Benzo(g,h,i)perylene	30.40	276	142832m	3.10	ng/ul	

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

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