Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023194.D
Acq On : 20 Jul 2016 19:12
Operator : UM/SJ
Sample : MDL-02-W
Misc : MDL 4PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-02-W

Manual Integrations APPROVED
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7/21/2016 1:50:41 PM

Quant Time: Jul 21 10:29:49 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	130869	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	611838	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	458692	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1145862	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1237258	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1229472	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	7179	2.48	ng/uL	0.00
5) Phenol-d5	7.29	99	361266	26.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	270903	30.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	246639	27.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	284274	27.08	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	141079	28.83	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	167492	29.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	289676	26.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	409994	36.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	1189534	31.19	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	1278586	29.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	205351	30.51	ng/ul	0.00
57) Fluorene-d10	15.80	176	1039366	30.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	224462	28.47	ng/ul	0.00
70) Anthracene-d10	17.67	188	1619060	30.18	ng/ul	0.00
76) Pyrene-d10	19.96	212	1932324	30.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1811039	31.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	2743m	0.89	ng/uL	
4) Benzaldehyde	7.27	77	24282	2.90	ng/ul#	84
6) Phenol	7.31	94	30381m	2.16	ng/ul	
8) Bis(2-Chloroethyl)ether	7.54	93	26285	2.49	ng/ul#	88
10) 2-Chlorophenol	7.70	128	21023	2.26	ng/ul#	73
11) 2-Methylphenol	8.58	108	22899	2.21	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.67	45	34282	2.40	ng/ul#	91
14) Acetophenone	8.97	105	42377	2.32	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.95	70	26477	2.20	ng/ul#	83
16) 4-Methylphenol	8.92	108	24665	2.14	ng/ul	92
17) Hexachloroethane	9.24	117	10058	2.28	ng/ul	96
20) Nitrobenzene	9.36	77	37684	2.38	ng/ul#	81
21) Isophorone	9.88	82	77677	2.58	ng/ul#	89
23) 2-Nitrophenol	10.08	139	13499	2.21	ng/ul#	52
24) 2,4-Dimethylphenol	10.13	107	31032	2.22	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.37	93	38853	2.33	ng/ul	100
27) 2,4-Dichlorophenol	10.62	162	24730	2.33	ng/ul	89
28) Naphthalene	11.03	128	74237	2.41	ng/ul	98
30) 4-Chloroaniline	11.14	127	30948	2.69	ng/ul	96
31) Hexachlorobutadiene	11.31	225	20744	2.43	ng/ul#	81
32) Caprolactam	11.92	113	10703m	2.43	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	29586	2.12	ng/ul#	87
34) 2-Methylnaphthalene	12.64	142	62185	2.44	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	35626	2.33	ng/ul#	86
37) Hexachlorocyclopentadiene	12.97	237	16453	1.65	ng/ul#	68
38) 2,4,6-Trichlorophenol	13.24	196	22679	2.14	ng/ul	87
39) 2,4,5-Trichlorophenol	13.32	196	23721	2.19	ng/ul	97
40) 1,1'-Biphenyl	13.64	154	84293	2.45	ng/ul#	88
41) 2-Chloronaphthalene	13.68	162	66383	2.39	ng/ul	93
42) 2-Nitroaniline	13.89	65	28213	2.29	ng/ul#	44
44) Dimethylphthalate	14.25	163	101435	2.63	ng/ul#	95
45) 2,6-Dinitrotoluene	14.38	165	20386	2.43	ng/ul	90
47) Acenaphthylene	14.53	152	111247	2.53	ng/ul	96
48) 3-Nitroaniline	14.72	138	19038	2.66	ng/ul#	60
49) Acenaphthene	14.87	153	74649	2.52	ng/ul	90
50) 2,4-Dinitrophenol	14.93	184	7479	1.42	ng/ul#	72
52) 4-Nitrophenol	15.03	109	22173	2.77	ng/ul#	59
53) Dibenzofuran	15.21	168	115659	2.64	ng/ul#	86
54) 2,4-Dinitrotoluene	15.18	165	29968	2.35	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.44	232	25806	2.36	ng/ul#	91
56) Diethylphthalate	15.62	149	110388	2.69	ng/ul	99
58) Fluorene	15.86	166	94123	2.61	ng/ul	93
59) 4-Chlorophenyl-phenylether	15.85	204	50060	2.53	ng/ul	95
60) 4-Nitroaniline	15.88	138	21778	2.47	ng/ul#	11
63) 4,6-Dinitro-2-methylphenol	15.94	198	22775	2.73	ng/ul#	69
64) N-Nitrosodiphenylamine	16.06	169	88058	2.66	ng/ul	95
65) 4-Bromophenyl-phenylether	16.75	248	33340	2.53	ng/ul	87
66) Hexachlorobenzene	16.87	284	36074	2.67	ng/ul	92
67) Atrazine	17.01	200	36121	2.56	ng/ul	94
68) Pentachlorophenol	17.23	266	14364	1.71	ng/ul#	87
69) Phenanthrene	17.61	178	163656	2.77	ng/ul	97
71) Anthracene	17.71	178	174392	2.82	ng/ul	97
72) Carbazole	17.98	167	146962	3.02	ng/ul#	94
73) Di-n-butylphthalate	18.52	149	185950	2.76	ng/ul#	97
74) Fluoranthene	19.62	202	210968	3.40	ng/ul#	86
77) Pyrene	19.99	202	216998	2.88	ng/ul#	91
78) Butylbenzylphthalate	20.87	149	84519	2.59	ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.79	252	64930	2.63	ng/ul#	90
80) Benzo(a)anthracene	21.87	228	209861	2.86	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.75	149	125244	2.81	ng/ul	93
82) Chrysene	21.94	228	195643	2.94	ng/ul	96
84) Di-n-octyl phthalate	23.03	149	206864	3.04	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	192106	2.57	ng/ul#	92
86) Benzo(k)fluoranthene	24.28	252	191468	2.70	ng/ul#	85
88) Benzo(a)pyrene	25.13	252	199172	2.79	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.19	276	197981	2.47	ng/ul#	85
90) Dibenzo(a,h)anthracene	29.26	278	161940m	2.45	ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	168064m	2.53	ng/ul	

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

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