Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023206.D
Acq On : 21 Jul 2016 3:15
Operator : UM/SJ
Sample : MDL-07-W
Misc : MDL 8PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-07-W

Manual Integrations APPROVED
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Quant Time: Jul 21 10:45:46 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	115769	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	565753	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	426565	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1059117	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1116765	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1116231	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	10143	3.96	ng/uL	0.00
5) Phenol-d5	7.29	99	409620	34.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	296924	37.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	278777	34.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	328086	35.33	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	157374	34.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	185558	35.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	321665	32.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	458486	44.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	1266896	35.72	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	1420183	35.23	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	215199	34.38	ng/ul	0.00
57) Fluorene-d10	15.80	176	1122841	35.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	252782	34.69	ng/ul	0.00
70) Anthracene-d10	17.67	188	1762924	35.56	ng/ul	0.00
76) Pyrene-d10	19.96	212	2027633	35.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1859833	35.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	4967m	1.81	ng/uL	
4) Benzaldehyde	7.27	77	54408	7.34	ng/ul	88
6) Phenol	7.32	94	62072m	5.00	ng/ul	
8) Bis(2-Chloroethyl)ether	7.55	93	54781	5.87	ng/ul#	80
10) 2-Chlorophenol	7.70	128	41720	5.06	ng/ul#	84
11) 2-Methylphenol	8.58	108	49830	5.43	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.67	45	73453	5.81	ng/ul	95
14) Acetophenone	8.97	105	95527	5.91	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.95	70	60136	5.64	ng/ul#	82
16) 4-Methylphenol	8.91	108	54145	5.30	ng/ul	91
17) Hexachloroethane	9.23	117	22287	5.72	ng/ul	90
20) Nitrobenzene	9.35	77	80379	5.50	ng/ul#	81
21) Isophorone	9.88	82	154931	5.56	ng/ul	94
23) 2-Nitrophenol	10.08	139	30540	5.42	ng/ul#	48
24) 2,4-Dimethylphenol	10.13	107	67813	5.24	ng/ul#	77
25) Bis(2-Chloroethoxy)methane	10.37	93	84945	5.51	ng/ul#	97
27) 2,4-Dichlorophenol	10.62	162	51931	5.28	ng/ul#	83
28) Naphthalene	11.03	128	155679	5.47	ng/ul	96
30) 4-Chloroaniline	11.14	127	66147	6.22	ng/ul	96
31) Hexachlorobutadiene	11.31	225	39993	5.06	ng/ul#	82
32) Caprolactam	11.91	113	23006m	5.64	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	66324	5.14	ng/ul#	82
34) 2-Methylnaphthalene	12.63	142	130256	5.53	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	73654	5.18 ng/ul	89
37) Hexachlorocyclopentadiene	12.97	237	39530	4.27 ng/ul	97
38) 2,4,6-Trichlorophenol	13.24	196	49213	4.99 ng/ul	90
39) 2,4,5-Trichlorophenol	13.31	196	57058m	5.68 ng/ul	
40) 1,1'-Biphenyl	13.64	154	178005	5.56 ng/ul	98
41) 2-Chloronaphthalene	13.68	162	142925	5.54 ng/ul#	92
42) 2-Nitroaniline	13.88	65	59153	5.16 ng/ul#	56
44) Dimethylphthalate	14.25	163	209240	5.82 ng/ul	99
45) 2,6-Dinitrotoluene	14.38	165	42746	5.48 ng/ul#	74
47) Acenaphthylene	14.53	152	232230	5.69 ng/ul	98
48) 3-Nitroaniline	14.71	138	41237	6.19 ng/ul#	56
49) Acenaphthene	14.87	153	155398	5.63 ng/ul	93
50) 2,4-Dinitrophenol	14.92	184	16050	3.28 ng/ul#	78
52) 4-Nitrophenol	15.02	109	43878	5.89 ng/ul#	62
53) Dibenzofuran	15.21	168	233450	5.74 ng/ul#	75
54) 2,4-Dinitrotoluene	15.17	165	62754	5.29 ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.43	232	54040	5.32 ng/ul	97
56) Diethylphthalate	15.62	149	223612	5.85 ng/ul	98
58) Fluorene	15.86	166	199240	5.94 ng/ul	92
59) 4-Chlorophenyl-phenylether	15.85	204	98534	5.36 ng/ul	95
60) 4-Nitroaniline	15.88	138	48268	5.90 ng/ul#	51
63) 4,6-Dinitro-2-methylphenol	15.94	198	43064	5.59 ng/ul#	89
64) N-Nitrosodiphenylamine	16.06	169	175655	5.74 ng/ul	96
65) 4-Bromophenyl-phenylether	16.75	248	66944	5.49 ng/ul	97
66) Hexachlorobenzene	16.87	284	70371	5.64 ng/ul	89
67) Atrazine	17.01	200	74007	5.67 ng/ul	98
68) Pentachlorophenol	17.22	266	34674	4.48 ng/ul	92
69) Phenanthrene	17.61	178	333679	6.12 ng/ul	99
71) Anthracene	17.71	178	354879	6.21 ng/ul	99
72) Carbazole	17.98	167	294730	6.55 ng/ul	99
73) Di-n-butylphthalate	18.52	149	377907	6.06 ng/ul#	94
74) Fluoranthene	19.62	202	413071	7.21 ng/ul#	90
77) Pyrene	19.99	202	426445	6.28 ng/ul#	92
78) Butylbenzylphthalate	20.86	149	165408	5.61 ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.78	252	130364	5.85 ng/ul#	96
80) Benzo(a)anthracene	21.87	228	410245	6.19 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.75	149	227221	5.64 ng/ul	96
82) Chrysene	21.94	228	368924	6.13 ng/ul	98
84) Di-n-octyl phthalate	23.03	149	401318	6.49 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	381991	5.63 ng/ul#	93
86) Benzo(k)fluoranthene	24.28	252	383295	5.96 ng/ul#	93
88) Benzo(a)pyrene	25.14	252	374846	5.79 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.18	276	403560m	5.54 ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	329699	5.49 ng/ul#	88
91) Benzo(g,h,i)perylene	30.40	276	324797	5.39 ng/ul#	77

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

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