Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023200.D
Acq On : 20 Jul 2016 23:14
Operator : UM/SJ
Sample : MDL-01-W
Misc : MDL 8PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-01-W

Manual Integrations APPROVED
sohil
7/21/2016 1:51:02 PM

Quant Time: Jul 21 10:37:10 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	136014	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	672705	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	499128	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1253236	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1346321	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1334073	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	9446	3.14	ng/uL	0.00
5) Phenol-d5	7.29	99	393356	28.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	281711	30.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	277043	29.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	315721	28.94	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	153504	28.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	179483	28.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	312193	26.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	430741	35.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	1237035	29.81	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1345202	28.52	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	225313	30.77	ng/ul	0.00
57) Fluorene-d10	15.80	176	1083862	28.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	250301	29.03	ng/ul	0.00
70) Anthracene-d10	17.67	188	1720577	29.33	ng/ul	0.00
76) Pyrene-d10	19.96	212	1980310	28.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1871993	29.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	6209m	1.93	ng/uL	
4) Benzaldehyde	7.27	77	56232	6.46	ng/ul	93
6) Phenol	7.31	94	73486	5.04	ng/ul#	52
8) Bis(2-Chloroethyl)ether	7.55	93	62639	5.71	ng/ul#	84
10) 2-Chlorophenol	7.70	128	52099	5.38	ng/ul#	85
11) 2-Methylphenol	8.58	108	57999	5.38	ng/ul	84
12) 2,2'-oxybis(1-Chloropropan	8.67	45	84149	5.67	ng/ul	98
14) Acetophenone	8.97	105	110672	5.83	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.94	70	70101	5.60	ng/ul#	76
16) 4-Methylphenol	8.91	108	64435	5.37	ng/ul	98
17) Hexachloroethane	9.24	117	23982	5.24	ng/ul#	76
20) Nitrobenzene	9.36	77	93691	5.39	ng/ul#	85
21) Isophorone	9.88	82	177851	5.37	ng/ul#	87
23) 2-Nitrophenol	10.08	139	33467	4.99	ng/ul#	42
24) 2,4-Dimethylphenol	10.13	107	79013	5.13	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.36	93	96721	5.28	ng/ul#	97
27) 2,4-Dichlorophenol	10.62	162	59754	5.11	ng/ul#	95
28) Naphthalene	11.03	128	183064	5.41	ng/ul	98
30) 4-Chloroaniline	11.13	127	77731	6.15	ng/ul	95
31) Hexachlorobutadiene	11.30	225	47663	5.07	ng/ul	98
32) Caprolactam	11.91	113	27350m	5.64	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	74207	4.83	ng/ul#	80
34) 2-Methylnaphthalene	12.63	142	149228	5.33	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	86390	5.19	ng/ul	94
37) Hexachlorocyclopentadiene	12.97	237	49321	4.55	ng/ul	97
38) 2,4,6-Trichlorophenol	13.24	196	57174	4.96	ng/ul	97
39) 2,4,5-Trichlorophenol	13.31	196	62464	5.31	ng/ul	96
40) 1,1'-Biphenyl	13.64	154	205673	5.49	ng/ul	95
41) 2-Chloronaphthalene	13.68	162	162862	5.40	ng/ul	97
42) 2-Nitroaniline	13.89	65	71472	5.32	ng/ul#	56
44) Dimethylphthalate	14.25	163	233334	5.55	ng/ul	100
45) 2,6-Dinitrotoluene	14.38	165	49037	5.38	ng/ul#	85
47) Acenaphthylene	14.53	152	269888	5.65	ng/ul	99
48) 3-Nitroaniline	14.71	138	45814	5.88	ng/ul#	65
49) Acenaphthene	14.87	153	172612	5.35	ng/ul	96
50) 2,4-Dinitrophenol	14.92	184	20740	3.63	ng/ul#	81
52) 4-Nitrophenol	15.02	109	50902	5.84	ng/ul#	70
53) Dibenzofuran	15.21	168	268269	5.63	ng/ul#	84
54) 2,4-Dinitrotoluene	15.17	165	76406	5.50	ng/ul#	62
55) 2,3,4,6-Tetrachlorophenol	15.43	232	62293	5.24	ng/ul#	93
56) Diethylphthalate	15.62	149	260286	5.82	ng/ul	97
58) Fluorene	15.86	166	221393	5.64	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.85	204	114963	5.34	ng/ul	91
60) 4-Nitroaniline	15.88	138	57723	6.03	ng/ul#	45
63) 4,6-Dinitro-2-methylphenol	15.93	198	49813	5.46	ng/ul#	62
64) N-Nitrosodiphenylamine	16.06	169	204790	5.66	ng/ul	93
65) 4-Bromophenyl-phenylether	16.75	248	77897	5.40	ng/ul	96
66) Hexachlorobenzene	16.87	284	82725	5.60	ng/ul#	91
67) Atrazine	17.01	200	89449	5.79	ng/ul	98
68) Pentachlorophenol	17.22	266	42693	4.66	ng/ul	95
69) Phenanthrene	17.61	178	388446	6.02	ng/ul	98
71) Anthracene	17.71	178	406581	6.01	ng/ul	98
72) Carbazole	17.98	167	349147	6.56	ng/ul	98
73) Di-n-butylphthalate	18.52	149	452906	6.14	ng/ul#	96
74) Fluoranthene	19.62	202	483783	7.14	ng/ul#	88
77) Pyrene	19.99	202	497624	6.08	ng/ul#	90
78) Butylbenzylphthalate	20.86	149	194799	5.48	ng/ul#	78
79) 3,3'-Dichlorobenzidine	21.78	252	157745	5.87	ng/ul#	95
80) Benzo(a)anthracene	21.87	228	483220	6.05	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	280889	5.78	ng/ul	97
82) Chrysene	21.94	228	438606	6.05	ng/ul	98
84) Di-n-octyl phthalate	23.03	149	472531	6.39	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	461810	5.69	ng/ul#	92
86) Benzo(k)fluoranthene	24.28	252	451290	5.87	ng/ul#	88
88) Benzo(a)pyrene	25.13	252	436661	5.65	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.19	276	484783m	5.56	ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	402580	5.61	ng/ul#	91
91) Benzo(g,h,i)perylene	30.40	276	401230m	5.57	ng/ul	

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

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