Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028061.D
Acq On : 28 Jul 2017 18:06
Operator : SJ/JU
Sample : MDL-S-ML-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-ML-04

Manual Integrations APPROVED
Sohil
7/31/2017 11:53:56 AM

Quant Time: Jul 28 18:58:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 13:35:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	31815	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	142191	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.98	164	111800	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	325749	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	434648	20.00	ng/ul	0.00
86) Perylene-d12	25.57	264	430811	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	2968	6.05	ng/uL	0.00
5) Phenol-d5	7.51	99	67140	27.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	36159	30.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	61772	30.49	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	61061	28.46	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	31499	31.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	41364	32.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	75763	30.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	89358	35.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	329857	32.60	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	341542	31.20	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	43132	28.38	ng/ul	0.00
58) Fluorene-d10	15.96	176	294584	31.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	65619	28.29	ng/ul	0.00
71) Anthracene-d10	17.82	188	497955	31.92	ng/ul	0.00
79) Pyrene-d10	20.10	212	625757	32.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	636169	32.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	914	1.737	ng/uL#	92
4) Benzaldehyde	7.51	77	963	0.810	ng/ul#	69
6) Phenol	7.53	94	8453	3.627	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.77	93	6317	3.829	ng/ul	99
10) 2-Chlorophenol	7.93	128	7326	3.926	ng/ul	90
11) 2-Methylphenol	8.79	108	6163	3.391	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.89	45	7839	3.620	ng/ul#	94
14) Acetophenone	9.19	105	11464	3.678	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.16	70	5482	3.747	ng/ul#	92
16) 4-Methylphenol	9.12	108	7126	3.534	ng/ul	88
17) Hexachloroethane	9.46	117	3011m	4.033	ng/ul	
20) Nitrobenzene	9.58	77	7468	3.499	ng/ul#	76
21) Isophorone	10.09	82	15631	3.833	ng/ul#	93
23) 2-Nitrophenol	10.29	139	4965	4.071	ng/ul	91
24) 2,4-Dimethylphenol	10.33	107	9044	3.707	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.56	93	9234	3.898	ng/ul#	89
27) 2,4-Dichlorophenol	10.83	162	9195	3.873	ng/ul	95
28) Naphthalene	11.24	128	25694	4.003	ng/ul	96
30) 4-Chloroaniline	11.34	127	6915	2.892	ng/ul	94
31) Hexachlorobutadiene	11.51	225	8279	4.031	ng/ul	90
32) Caprolactam	12.13	113	2553m	3.351	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	8293	3.585	ng/ul	92
34) 2-Methylnaphthalene	12.82	142	21336	3.852	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	20771	3.868	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	17396	4.039	ng/ul#	93
38) Hexachlorocyclopentadiene	13.15	237	7137	2.826	ng/ul#	89
39) 2,4,6-Trichlorophenol	13.41	196	9009	3.504	ng/ul	95
40) 2,4,5-Trichlorophenol	13.49	196	9540	3.493	ng/ul	87
41) 1,1'-Biphenyl	13.81	154	32619	4.014	ng/ul#	94
42) 2-Chloronaphthalene	13.86	162	25794	3.936	ng/ul	93
43) 2-Nitroaniline	14.06	65	5458	3.534	ng/ul#	75
45) Dimethylphthalate	14.41	163	39129	4.221	ng/ul#	97
46) 2,6-Dinitrotoluene	14.53	165	6531	3.510	ng/ul#	86
48) Acenaphthylene	14.70	152	41080	3.960	ng/ul	99
49) 3-Nitroaniline	14.88	138	5734	3.708	ng/ul#	79
50) Acenaphthene	15.03	153	27047	3.807	ng/ul	97
51) 2,4-Dinitrophenol	15.09	184	1856	1.563	ng/ul#	84
53) 4-Nitrophenol	15.16	109	4067	3.290	ng/ul#	77
54) Dibenzofuran	15.37	168	45570	4.219	ng/ul#	86
55) 2,4-Dinitrotoluene	15.32	165	10410	3.746	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.59	232	9988	3.434	ng/ul#	84
57) Diethylphthalate	15.76	149	35545	3.653	ng/ul	94
59) Fluorene	16.02	166	37481	4.000	ng/ul	93
60) 4-Chlorophenyl-phenylether	16.00	204	23286	4.160	ng/ul	91
61) 4-Nitroaniline	16.03	138	6115m	3.329	ng/ul	
64) 4,6-Dinitro-2-methylphenol	16.09	198	7971	3.586	ng/ul#	77
65) N-Nitrosodiphenylamine	16.21	169	32981	4.011	ng/ul	96
66) 4-Bromophenyl-phenylether	16.90	248	15566	3.716	ng/ul#	90
67) Hexachlorobenzene	17.03	284	18988	3.986	ng/ul#	90
68) Atrazine	17.15	200	13286	3.387	ng/ul	98
69) Pentachlorophenol	17.38	266	5903m	2.374	ng/ul	
70) Phenanthrene	17.77	178	65883	4.068	ng/ul	96
72) Anthracene	17.86	178	67902	4.027	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	18477	4.067	ng/uL	92
74) Pentachlorobenzene	15.29	250	25211	3.734	ng/uL	91
75) Carbazole	18.12	167	52671	3.814	ng/ul	95
76) Di-n-butylphthalate	18.65	149	56130	3.661	ng/ul	98
77) Fluoranthene	19.76	202	83465	4.032	ng/ul#	91
80) Pyrene	20.12	202	95217	4.221	ng/ul#	93
81) Butylbenzylphthalate	20.99	149	22438	3.347	ng/ul#	90
82) 3,3'-Dichlorobenzidine	21.94	252	25244	3.175	ng/ul#	96
83) Benzo(a)anthracene	22.04	228	90381	3.915	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.90	149	32709	3.335	ng/ul#	96
85) Chrysene	22.11	228	85130	4.031	ng/ul	96
87) Di-n-octyl phthalate	23.21	149	53598	3.156	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	88223	3.678	ng/ul	97
89) Benzo(k)fluoranthene	24.52	252	89919m	3.846	ng/ul	
91) Benzo(a)pyrene	25.41	252	90518	3.922	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	29.60	276	107466m	3.837	ng/ul	
93) Dibenzo(a,h)anthracene	29.67	278	90584	3.771	ng/ul#	88
94) Benzo(g,h,i)perylene	30.86	276	89884	3.871	ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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