Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028063.D
Acq On : 28 Jul 2017 19:25
Operator : SJ/JU
Sample : MDL-S-ML-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-ML-06

Manual Integrations APPROVED
Sohil
7/31/2017 11:54:01 AM

Quant Time: Jul 29 00:04:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 19:32:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	33514	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	148379	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.98	164	117597	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	343279	20.00	ng/ul	0.00
78) Chrysene-d12	22.05	240	459834	20.00	ng/ul	0.00
86) Perylene-d12	25.57	264	450249	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	2933	5.67	ng/uL	0.00
5) Phenol-d5	7.51	99	65749	25.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	34854	27.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	61875	28.99	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	60297	26.68	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	31369	30.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	38506	29.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	72186	27.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	86264	32.90	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	318016	29.88	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	330985	28.75	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	41945	26.24	ng/ul	0.00
58) Fluorene-d10	15.96	176	282099	28.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	64067	26.21	ng/ul	0.00
71) Anthracene-d10	17.82	188	488134	29.69	ng/ul	0.00
79) Pyrene-d10	20.10	212	602651	29.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	609373	29.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	721	1.300	ng/uL#	85
4) Benzaldehyde	7.52	77	1007	0.804	ng/ul	88
6) Phenol	7.54	94	7453	3.036	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.77	93	5808	3.342	ng/ul	86
10) 2-Chlorophenol	7.93	128	6266	3.187	ng/ul#	89
11) 2-Methylphenol	8.80	108	4934	2.578	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.88	45	7101	3.113	ng/ul#	93
14) Acetophenone	9.19	105	10313	3.141	ng/ul#	84
15) N-Nitroso-di-n-propylamine	9.16	70	4648	3.016	ng/ul	96
16) 4-Methylphenol	9.12	108	6729	3.168	ng/ul	90
17) Hexachloroethane	9.46	117	2867	3.645	ng/ul#	84
20) Nitrobenzene	9.58	77	7617	3.420	ng/ul#	88
21) Isophorone	10.09	82	14017	3.294	ng/ul#	90
23) 2-Nitrophenol	10.29	139	4635	3.642	ng/ul	92
24) 2,4-Dimethylphenol	10.34	107	8049	3.162	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.57	93	8243	3.334	ng/ul#	88
27) 2,4-Dichlorophenol	10.83	162	8389	3.386	ng/ul	95
28) Naphthalene	11.24	128	23274	3.475	ng/ul	98
30) 4-Chloroaniline	11.35	127	6433m	2.578	ng/ul	
31) Hexachlorobutadiene	11.51	225	7795	3.637	ng/ul	91
32) Caprolactam	12.14	113	2121m	2.668	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	7220	2.991	ng/ul	96
34) 2-Methylnaphthalene	12.82	142	19397	3.356	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	20007	3.570	ng/ul#	88
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	15768	3.480	ng/ul#	93
38) Hexachlorocyclopentadiene	13.16	237	5837	2.197	ng/ul	96
39) 2,4,6-Trichlorophenol	13.41	196	7389	2.733	ng/ul	97
40) 2,4,5-Trichlorophenol	13.49	196	8756m	3.048	ng/ul	
41) 1,1'-Biphenyl	13.81	154	28643	3.351	ng/ul	98
42) 2-Chloronaphthalene	13.85	162	22523	3.267	ng/ul	97
43) 2-Nitroaniline	14.06	65	4820	2.967	ng/ul	92
45) Dimethylphthalate	14.41	163	34134	3.501	ng/ul#	98
46) 2,6-Dinitrotoluene	14.53	165	5688	2.906	ng/ul#	87
48) Acenaphthylene	14.70	152	36983	3.389	ng/ul	97
49) 3-Nitroaniline	14.88	138	4991	3.068	ng/ul#	85
50) Acenaphthene	15.03	153	24736	3.311	ng/ul	92
51) 2,4-Dinitrophenol	15.09	184	1994	1.596	ng/ul#	89
53) 4-Nitrophenol	15.17	109	3588	2.759	ng/ul#	69
54) Dibenzofuran	15.37	168	38905	3.425	ng/ul	94
55) 2,4-Dinitrotoluene	15.32	165	9644	3.299	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.60	232	8856	2.895	ng/ul#	88
57) Diethylphthalate	15.76	149	32457	3.171	ng/ul	99
59) Fluorene	16.02	166	33373	3.386	ng/ul	97
60) 4-Chlorophenyl-phenylether	16.00	204	20705	3.517	ng/ul	97
61) 4-Nitroaniline	16.04	138	5971	3.091	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	16.09	198	7853	3.353	ng/ul#	85
65) N-Nitrosodiphenylamine	16.21	169	28576	3.298	ng/ul	98
66) 4-Bromophenyl-phenylether	16.90	248	14173	3.211	ng/ul	94
67) Hexachlorobenzene	17.03	284	17181	3.423	ng/ul	97
68) Atrazine	17.15	200	12097	2.926	ng/ul	93
69) Pentachlorophenol	17.38	266	4695	1.791	ng/ul	92
70) Phenanthrene	17.77	178	57761	3.384	ng/ul	97
72) Anthracene	17.86	178	61321	3.451	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	15763	3.292	ng/uL	90
74) Pentachlorobenzene	15.29	250	23535	3.308	ng/uL	97
75) Carbazole	18.13	167	47871	3.290	ng/ul	97
76) Di-n-butylphthalate	18.65	149	50970	3.155	ng/ul	98
77) Fluoranthene	19.76	202	74212	3.402	ng/ul#	94
80) Pyrene	20.12	202	83234	3.487	ng/ul#	94
81) Butylbenzylphthalate	20.99	149	21410	3.019	ng/ul#	83
82) 3,3'-Dichlorobenzidine	21.94	252	23911	2.842	ng/ul	89
83) Benzo(a)anthracene	22.04	228	82555	3.380	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.90	149	29842	2.876	ng/ul#	95
85) Chrysene	22.11	228	79938	3.578	ng/ul	96
87) Di-n-octyl phthalate	23.21	149	49618	2.796	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	80798	3.223	ng/ul	94
89) Benzo(k)fluoranthene	24.52	252	81537	3.337	ng/ul	99
91) Benzo(a)pyrene	25.40	252	84093	3.487	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.60	276	95225m	3.253	ng/ul	
93) Dibenzo(a,h)anthracene	29.67	278	79650	3.173	ng/ul#	96
94) Benzo(g,h,i)perylene	30.87	276	78312	3.227	ng/ul#	93

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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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