Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
Data File : BG028033.D
Acq On : 27 Jul 2017 19:09
Operator : SJ/JU
Sample : SSTD08075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08075

Manual Integrations APPROVED
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7/28/2017 4:45:47 PM

Quant Time: Jul 27 19:44:34 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 27 19:05:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	36409	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	168942	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	126231	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.73	188	332346	20.00	ng/ul	0.01
78) Chrysene-d12	22.07	240	436464	20.00	ng/ul	0.00
86) Perylene-d12	25.59	264	435305	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	18700	25.09	ng/uL	0.00
5) Phenol-d5	7.51	99	239745	76.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	112585	60.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	207913	84.96	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	210204	79.87	ng/ul	0.01
19) Nitrobenzene-d5	9.54	128	100938	75.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	129140	83.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	260046	88.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	249836	85.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.37	166	890252	80.82	ng/ul	0.00
47) Acenaphthylene-d8	14.68	160	1006028	81.33	ng/ul	0.00
52) 4-Nitrophenol-d4	15.17	143	146314	98.91	ng/ul	0.02
58) Fluorene-d10	15.97	176	822796	83.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.09	200	206219	114.09	ng/ul	0.01
71) Anthracene-d10	17.83	188	1282000	78.70	ng/ul	0.01
79) Pyrene-d10	20.10	212	1482439	71.39	ng/ul	0.01
90) Benzo(a)pyrene-d12	25.35	264	1670520	71.99	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	19598	21.761	ng/uL#	77
4) Benzaldehyde	7.51	77	109555	51.314	ng/ul	91
6) Phenol	7.54	94	227544	67.816	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.78	93	155549	63.001	ng/ul	97
10) 2-Chlorophenol	7.94	128	185712	72.375	ng/ul	91
11) 2-Methylphenol	8.80	108	177404	68.667	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.89	45	194665	60.860	ng/ul	99
14) Acetophenone	9.19	105	294332	67.787	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.18	70	140767	63.919	ng/ul	92
16) 4-Methylphenol	9.13	108	194414	67.870	ng/ul	93
17) Hexachloroethane	9.46	117	69127	63.392	ng/ul#	69
20) Nitrobenzene	9.58	77	205485	59.290	ng/ul#	87
21) Isophorone	10.10	82	407105	60.072	ng/ul#	90
23) 2-Nitrophenol	10.30	139	127507	74.203	ng/ul	90
24) 2,4-Dimethylphenol	10.34	107	242832	67.261	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.57	93	230134	60.641	ng/ul#	94
27) 2,4-Dichlorophenol	10.83	162	249181	79.645	ng/ul	97
28) Naphthalene	11.24	128	618863	64.820	ng/ul	98
30) 4-Chloroaniline	11.34	127	237273	75.678	ng/ul	97
31) Hexachlorobutadiene	11.51	225	195131	73.404	ng/ul	97
32) Caprolactam	12.12	113	72673m	68.079	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	232219	68.745	ng/ul	86
34) 2-Methylnaphthalene	12.82	142	528632	74.223	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	518840	77.206	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	396588	76.833	ng/ul#	94
38) Hexachlorocyclopentadiene	13.16	237	246082	221.822	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.42	196	257181	91.328	ng/ul	98
40) 2,4,5-Trichlorophenol	13.49	196	264779	85.669	ng/ul	97
41) 1,1'-Biphenyl	13.81	154	739244	73.197	ng/ul#	97
42) 2-Chloronaphthalene	13.86	162	600781	73.028	ng/ul	97
43) 2-Nitroaniline	14.06	65	149996	63.385	ng/ul	93
45) Dimethylphthalate	14.42	163	820301	69.305	ng/ul	100
46) 2,6-Dinitrotoluene	14.55	165	182274	78.635	ng/ul#	85
48) Acenaphthylene	14.70	152	954074	73.073	ng/ul	97
49) 3-Nitroaniline	14.89	138	140266	68.286	ng/ul	83
50) Acenaphthene	15.05	153	645973	71.685	ng/ul	99
51) 2,4-Dinitrophenol	15.09	184	121996	202.769	ng/ul	96
53) 4-Nitrophenol	15.19	109	113972	83.467	ng/ul	96
54) Dibenzofuran	15.37	168	957399	70.595	ng/ul	96
55) 2,4-Dinitrotoluene	15.34	165	259438	74.410	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.60	232	283571	103.011	ng/ul#	97
57) Diethylphthalate	15.77	149	796340	66.285	ng/ul	96
59) Fluorene	16.03	166	830673	75.093	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.00	204	499324	77.727	ng/ul	99
61) 4-Nitroaniline	16.06	138	166691	70.091	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	16.10	198	192861	99.210	ng/ul#	89
65) N-Nitrosodiphenylamine	16.22	169	700118	72.723	ng/ul	97
66) 4-Bromophenyl-phenylether	16.90	248	364316	86.687	ng/ul	94
67) Hexachlorobenzene	17.03	284	405666	87.090	ng/ul	95
68) Atrazine	17.17	200	323147	75.669	ng/ul	97
69) Pentachlorophenol	17.38	266	226212	177.832	ng/ul	96
70) Phenanthrene	17.77	178	1309436	66.221	ng/ul	96
72) Anthracene	17.87	178	1364840	68.372	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	405880	84.896	ng/uL	96
74) Pentachlorobenzene	15.30	250	585351	117.561	ng/uL	97
75) Carbazole	18.14	167	1129334	69.039	ng/ul	96
76) Di-n-butylphthalate	18.66	149	1256766	62.805	ng/ul	99
77) Fluoranthene	19.77	202	1658054	68.978	ng/ul#	95
80) Pyrene	20.13	202	1670797	60.369	ng/ul	97
81) Butylbenzylphthalate	21.00	149	586166	63.025	ng/ul#	90
82) 3,3'-Dichlorobenzidine	21.95	252	633310	73.533	ng/ul#	98
83) Benzo(a)anthracene	22.05	228	1806119	66.329	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.91	149	844196	61.543	ng/ul#	93
85) Chrysene	22.12	228	1632469	63.408	ng/ul	96
87) Di-n-octyl phthalate	23.22	149	1438092	58.330	ng/ul	100
88) Benzo(b)fluoranthene	24.46	252	1976062	70.466	ng/ul	97
89) Benzo(k)fluoranthene	24.54	252	1866635	67.411	ng/ul#	96
91) Benzo(a)pyrene	25.43	252	1876309	69.535	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.65	276	2357439	74.042	ng/ul#	96
93) Dibenzo(a,h)anthracene	29.71	278	2010894	76.685	ng/ul#	96
94) Benzo(g,h,i)perylene	30.93	276	1928814	73.431	ng/ul#	96

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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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