Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
Data File : BG028045.D
Acq On : 28 Jul 2017 3:05
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02079

Manual Integrations APPROVED
Sohil
7/28/2017 4:46:06 PM

Quant Time: Jul 28 05:17:28 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 02:09:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	30687	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	136054	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	107512	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	318650	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	422225	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	414416	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3532	7.46	ng/uL	0.00
5) Phenol-d5	7.51	99	43053	18.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	22613	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	39570	20.25	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	39859	19.26	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	19722	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	25336	20.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	49284	20.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	60362	25.11	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	199083	20.46	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	211912	20.13	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	28737	19.66	ng/ul	0.00
58) Fluorene-d10	15.96	176	181476	20.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	41643	18.35	ng/ul	0.00
71) Anthracene-d10	17.82	188	303176	19.87	ng/ul	0.00
79) Pyrene-d10	20.10	212	375954	20.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	381738	20.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	4047	7.972	ng/uL#	85
4) Benzaldehyde	7.51	77	23698	20.660	ng/ul	85
6) Phenol	7.54	94	42127	18.739	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.78	93	31179	19.594	ng/ul	94
10) 2-Chlorophenol	7.93	128	35593	19.774	ng/ul#	87
11) 2-Methylphenol	8.79	108	32809	18.718	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.89	45	40384	19.332	ng/ul#	97
14) Acetophenone	9.19	105	59712	19.863	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.16	70	28849	20.443	ng/ul	91
16) 4-Methylphenol	9.12	108	37862	19.470	ng/ul	92
17) Hexachloroethane	9.46	117	14240	19.775	ng/ul#	56
20) Nitrobenzene	9.58	77	40099	19.636	ng/ul	89
21) Isophorone	10.09	82	79685	20.419	ng/ul#	92
23) 2-Nitrophenol	10.29	139	24256	20.784	ng/ul#	87
24) 2,4-Dimethylphenol	10.33	107	47007	20.137	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.57	93	46171	20.367	ng/ul	95
27) 2,4-Dichlorophenol	10.83	162	46647	20.536	ng/ul	95
28) Naphthalene	11.24	128	127274	20.726	ng/ul	98
30) 4-Chloroaniline	11.34	127	54089	23.639	ng/ul	98
31) Hexachlorobutadiene	11.51	225	41303	21.017	ng/ul	99
32) Caprolactam	12.10	113	15371m	21.084	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	45702	20.649	ng/ul	87
34) 2-Methylnaphthalene	12.82	142	108762	20.522	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	106192	20.665	ng/ul#	100
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	83056	20.052	ng/ul#	97
38) Hexachlorocyclopentadiene	13.15	237	44391	18.279	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.41	196	49104	19.863	ng/ul	97
40) 2,4,5-Trichlorophenol	13.49	196	52126	19.847	ng/ul	96
41) 1,1'-Biphenyl	13.81	154	157287	20.128	ng/ul#	98
42) 2-Chloronaphthalene	13.86	162	131177	20.814	ng/ul	96
43) 2-Nitroaniline	14.05	65	30223	20.347	ng/ul	98
45) Dimethylphthalate	14.41	163	183934	20.634	ng/ul	98
46) 2,6-Dinitrotoluene	14.54	165	37558	20.990	ng/ul#	83
48) Acenaphthylene	14.70	152	206919	20.742	ng/ul	98
49) 3-Nitroaniline	14.87	138	31662	21.291	ng/ul	90
50) Acenaphthene	15.04	153	137511	20.130	ng/ul	98
51) 2,4-Dinitrophenol	15.07	184	18434	16.139	ng/ul#	84
53) 4-Nitrophenol	15.17	109	24565	20.665	ng/ul	92
54) Dibenzofuran	15.37	168	213045	20.512	ng/ul	96
55) 2,4-Dinitrotoluene	15.32	165	56735	21.230	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.59	232	56973	20.370	ng/ul#	93
57) Diethylphthalate	15.77	149	189749	20.276	ng/ul	96
59) Fluorene	16.02	166	185073	20.539	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.00	204	109921	20.422	ng/ul	96
61) 4-Nitroaniline	16.04	138	37334	21.137	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	16.09	198	41744	19.201	ng/ul#	87
65) N-Nitrosodiphenylamine	16.21	169	158354	19.687	ng/ul	98
66) 4-Bromophenyl-phenylether	16.90	248	81366	19.858	ng/ul	92
67) Hexachlorobenzene	17.03	284	91850	19.712	ng/ul	96
68) Atrazine	17.15	200	74823	19.497	ng/ul	96
69) Pentachlorophenol	17.37	266	40676	16.720	ng/ul	95
70) Phenanthrene	17.77	178	317379	20.034	ng/ul	98
72) Anthracene	17.86	178	325202	19.714	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	84728	19.064	ng/uL	95
74) Pentachlorobenzene	15.29	250	127166	19.254	ng/uL	96
75) Carbazole	18.12	167	271628	20.109	ng/ul	99
76) Di-n-butylphthalate	18.65	149	303529	20.237	ng/ul	98
77) Fluoranthene	19.76	202	426264	21.053	ng/ul#	93
80) Pyrene	20.13	202	439553	20.057	ng/ul#	93
81) Butylbenzylphthalate	21.00	149	129309	19.856	ng/ul#	84
82) 3,3'-Dichlorobenzidine	21.94	252	159995	20.713	ng/ul#	98
83) Benzo(a)anthracene	22.04	228	453218	20.208	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.90	149	180188	18.913	ng/ul#	99
85) Chrysene	22.11	228	406847	19.831	ng/ul	99
87) Di-n-octyl phthalate	23.21	149	311278	19.057	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	461362	19.997	ng/ul#	98
89) Benzo(k)fluoranthene	24.52	252	453530	20.164	ng/ul#	98
91) Benzo(a)pyrene	25.41	252	450195	20.279	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.62	276	540969	20.080	ng/ul	96
93) Dibenzo(a,h)anthracene	29.68	278	460722	19.938	ng/ul#	96
94) Benzo(g,h,i)perylene	30.87	276	448130	20.064	ng/ul#	95

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

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