Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073117\
Data File : BG028083.D
Acq On : 31 Jul 2017 23:19
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02084

Manual Integrations APPROVED
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Quant Time: Aug 01 02:18:24 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	27675	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	129254	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	108898	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	318436	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	410585	20.00	ng/ul	0.00
86) Perylene-d12	25.57	264	410316	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	3469	8.12	ng/uL	-0.01
5) Phenol-d5	7.51	99	40397	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	20359	19.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	36822	20.89	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	38568	20.67	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	18942	20.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	24290	21.11	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.79	165	48744	21.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	54312	23.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	195429	19.83	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	213051	19.98	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	28808	19.46	ng/ul	0.00
58) Fluorene-d10	15.96	176	182666	20.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	40788	17.99	ng/ul	0.00
71) Anthracene-d10	17.82	188	300494	19.71	ng/ul	0.00
79) Pyrene-d10	20.09	212	373566	20.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.32	264	377081	19.98	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	3188	6.963	ng/uL#	59
4) Benzaldehyde	7.50	77	23012	22.246	ng/ul#	83
6) Phenol	7.53	94	39304	19.386	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.77	93	28667	19.976	ng/ul	94
10) 2-Chlorophenol	7.93	128	33397	20.573	ng/ul	92
11) 2-Methylphenol	8.79	108	31680	20.041	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.88	45	34654	18.395	ng/ul	99
14) Acetophenone	9.18	105	57034	21.037	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.16	70	25611	20.124	ng/ul#	88
16) 4-Methylphenol	9.12	108	35583	20.289	ng/ul	99
17) Hexachloroethane	9.45	117	13539	20.847	ng/ul#	67
20) Nitrobenzene	9.58	77	37954	19.563	ng/ul#	84
21) Isophorone	10.09	82	76194	20.552	ng/ul#	91
23) 2-Nitrophenol	10.29	139	23631	21.314	ng/ul	91
24) 2,4-Dimethylphenol	10.33	107	45502	20.518	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.56	93	43652	20.269	ng/ul	95
27) 2,4-Dichlorophenol	10.82	162	45027	20.865	ng/ul	94
28) Naphthalene	11.23	128	121758	20.871	ng/ul	98
30) 4-Chloroaniline	11.34	127	52917	24.343	ng/ul	99
31) Hexachlorobutadiene	11.51	225	36901	19.765	ng/ul	99
32) Caprolactam	12.10	113	14844m	21.432	ng/ul	
33) 4-Chloro-3-methylphenol	12.43	107	44484	21.156	ng/ul#	83
34) 2-Methylnaphthalene	12.82	142	104077	20.672	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.03	142	103537	21.208	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	79455	18.939	ng/ul#	94
38) Hexachlorocyclopentadiene	13.16	237	41250	16.769	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.41	196	48140	19.225	ng/ul	96
40) 2,4,5-Trichlorophenol	13.48	196	51699	19.433	ng/ul	97
41) 1,1'-Biphenyl	13.80	154	152519	19.269	ng/ul#	98
42) 2-Chloronaphthalene	13.86	162	125545	19.666	ng/ul	96
43) 2-Nitroaniline	14.05	65	29999	19.939	ng/ul#	86
45) Dimethylphthalate	14.41	163	181458	20.098	ng/ul	99
46) 2,6-Dinitrotoluene	14.54	165	37083	20.460	ng/ul	91
48) Acenaphthylene	14.70	152	204243	20.213	ng/ul	99
49) 3-Nitroaniline	14.87	138	33350	22.141	ng/ul#	79
50) Acenaphthene	15.04	153	134737	19.473	ng/ul	99
51) 2,4-Dinitrophenol	15.08	184	21322m	18.430	ng/ul	
53) 4-Nitrophenol	15.17	109	22928	19.042	ng/ul	97
54) Dibenzofuran	15.36	168	209847	19.947	ng/ul	96
55) 2,4-Dinitrotoluene	15.32	165	57739	21.331	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.59	232	56602	19.979	ng/ul#	95
57) Diethylphthalate	15.76	149	187031	19.731	ng/ul	99
59) Fluorene	16.02	166	183724	20.129	ng/ul	95
60) 4-Chlorophenyl-phenylether	16.00	204	106572	19.548	ng/ul	94
61) 4-Nitroaniline	16.03	138	36258	20.267	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	16.09	198	41807	19.243	ng/ul#	87
65) N-Nitrosodiphenylamine	16.21	169	157944	19.649	ng/ul	97
66) 4-Bromophenyl-phenylether	16.90	248	79783	19.485	ng/ul	94
67) Hexachlorobenzene	17.02	284	93185	20.012	ng/ul	95
68) Atrazine	17.15	200	74759	19.494	ng/ul	96
69) Pentachlorophenol	17.37	266	41985	17.270	ng/ul	98
70) Phenanthrene	17.76	178	310460	19.610	ng/ul	99
72) Anthracene	17.86	178	318034	19.293	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	83166	18.725	ng/uL	96
74) Pentachlorobenzene	15.29	250	125384	18.997	ng/uL	97
75) Carbazole	18.12	167	269291	19.949	ng/ul	99
76) Di-n-butylphthalate	18.65	149	302003	20.149	ng/ul	99
77) Fluoranthene	19.76	202	420030	20.759	ng/ul#	93
80) Pyrene	20.12	202	434201	20.374	ng/ul#	92
81) Butylbenzylphthalate	20.99	149	124247	19.619	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.94	252	155380	20.685	ng/ul#	95
83) Benzo(a)anthracene	22.03	228	445720	20.437	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.89	149	179443	19.369	ng/ul#	94
85) Chrysene	22.10	228	402662	20.183	ng/ul	99
87) Di-n-octyl phthalate	23.20	149	305775	18.907	ng/ul	100
88) Benzo(b)fluoranthene	24.44	252	447783	19.602	ng/ul#	97
89) Benzo(k)fluoranthene	24.51	252	447047	20.074	ng/ul#	96
91) Benzo(a)pyrene	25.41	252	436394	19.854	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.60	276	534447	20.036	ng/ul#	94
93) Dibenzo(a,h)anthracene	29.66	278	463399	20.255	ng/ul#	94
94) Benzo(g,h,i)perylene	30.86	276	445294m	20.136	ng/ul	

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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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