Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082118\
Data File : BG036331.D
Acq On : 21 Aug 2018 20:03
Operator : JU/SJ
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SICV19

Quant Time: Aug 21 20:45:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 21 20:07:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	47357	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	207262	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	130082	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	320604	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	346783	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	355295	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	10184	8.01	ng/uL	0.00
5) Phenol-d5	7.22	99	89702	20.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	63088	20.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	64801	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	68852	20.47	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	27882	22.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	26471	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	69483	20.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	78796	20.92	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	215338	19.80	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	264177	20.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	34522	21.46	ng/ul	0.00
58) Fluorene-d10	15.69	176	190871	20.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	22234	19.15	ng/ul	0.00
71) Anthracene-d10	17.54	188	302102	20.20	ng/ul	0.00
79) Pyrene-d10	19.82	212	354298	19.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	384519	19.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	10053	7.495	ng/uL#	27
4) Benzaldehyde	7.21	77	66260	22.436	ng/ul	96
6) Phenol	7.25	94	90452	20.541	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.49	93	66943	20.472	ng/ul#	85
10) 2-Chlorophenol	7.64	128	65475	20.575	ng/ul	91
11) 2-Methylphenol	8.51	108	67831	20.218	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.61	45	148382	20.612	ng/ul#	90
14) Acetophenone	8.89	105	107708	20.891	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.88	70	61289	19.731	ng/ul#	79
16) 4-Methylphenol	8.83	108	72196	20.571	ng/ul	92
17) Hexachloroethane	9.16	117	24484	19.314	ng/ul	95
20) Nitrobenzene	9.28	77	75464	21.033	ng/ul#	96
21) Isophorone	9.80	82	172591	19.818	ng/ul	99
23) 2-Nitrophenol	9.99	139	29641	22.013	ng/ul	92
24) 2,4-Dimethylphenol	10.04	107	82035	19.948	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.29	93	94591	20.091	ng/ul	94
27) 2,4-Dichlorophenol	10.52	162	63147	19.576	ng/ul	95
28) Naphthalene	10.93	128	214551	20.199	ng/ul	98
30) 4-Chloroaniline	11.04	127	76912	20.959	ng/ul	98
31) Hexachlorobutadiene	11.22	225	46166	20.048	ng/ul	98
32) Caprolactam	11.78	113	26555	19.894	ng/ul#	52
33) 4-Chloro-3-methylphenol	12.14	107	78040	20.590	ng/ul	96
34) 2-Methylnaphthalene	12.54	142	160204	20.208	ng/ul	99

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35) 1-Methylnaphthalene	12.75	142	153718	19.881 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	90280	20.375 ng/ul#	98
38) Hexachlorocyclopentadiene	12.88	237	52402	19.766 ng/ul	98
39) 2,4,6-Trichlorophenol	13.13	196	54086	19.764 ng/ul	94
40) 2,4,5-Trichlorophenol	13.19	196	57476	20.262 ng/ul	94
41) 1,1'-Biphenyl	13.53	154	204830	20.119 ng/ul#	98
42) 2-Chloronaphthalene	13.58	162	157424	20.155 ng/ul	97
43) 2-Nitroaniline	13.77	65	45487	22.257 ng/ul#	81
45) Dimethylphthalate	14.15	163	209672	20.090 ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	31542	21.626 ng/ul#	85
48) Acenaphthylene	14.42	152	245562	19.864 ng/ul	99
49) 3-Nitroaniline	14.59	138	33772	22.220 ng/ul#	93
50) Acenaphthene	14.76	153	177213	20.021 ng/ul	98
51) 2,4-Dinitrophenol	14.79	184	13785	18.584 ng/ul#	83
53) 4-Nitrophenol	14.89	109	30317	20.307 ng/ul	90
54) Dibenzofuran	15.10	168	246433	20.115 ng/ul	99
55) 2,4-Dinitrotoluene	15.05	165	44793	22.204 ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	15.32	232	53453	20.123 ng/ul#	85
57) Diethylphthalate	15.51	149	213696	20.175 ng/ul	98
59) Fluorene	15.74	166	195509	19.794 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	109534	20.354 ng/ul	96
61) 4-Nitroaniline	15.75	138	43349	22.514 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.81	198	23598	19.674 ng/ul	99
65) N-Nitrosodiphenylamine	15.95	169	180010	20.042 ng/ul	97
66) 4-Bromophenyl-phenylether	16.64	248	70628	19.916 ng/ul	96
67) Hexachlorobenzene	16.74	284	69743	19.705 ng/ul#	89
68) Atrazine	16.90	200	77430	20.901 ng/ul	95
69) Pentachlorophenol	17.08	266	43722	20.375 ng/ul	97
70) Phenanthrene	17.48	178	339928	20.403 ng/ul	100
72) Anthracene	17.58	178	342589	20.434 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	96344	19.667 ng/uL	96
74) Pentachlorobenzene	15.02	250	84661	19.852 ng/uL	98
75) Carbazole	17.84	167	309953	21.992 ng/ul	95
76) Di-n-butylphthalate	18.41	149	377391	20.494 ng/ul	99
77) Fluoranthene	19.49	202	432200	22.372 ng/ul#	95
80) Pyrene	19.85	202	417651	19.877 ng/ul#	91
81) Butylbenzylphthalate	20.74	149	173963	20.338 ng/ul	90
82) 3,3'-Dichlorobenzidine	21.61	252	148679	20.812 ng/ul	99
83) Benzo(a)anthracene	21.69	228	438478	20.010 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	246576	20.221 ng/ul	99
85) Chrysene	21.76	228	403392	20.070 ng/ul	99
87) Di-n-octyl phthalate	22.85	149	421434	21.104 ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	419386	19.933 ng/ul#	98
89) Benzo(k)fluoranthene	23.98	252	410918	20.257 ng/ul#	98
91) Benzo(a)pyrene	24.79	252	395524	19.867 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.60	276	479173	20.214 ng/ul	97
93) Dibenzo(a,h)anthracene	28.68	278	383887	19.972 ng/ul	99
94) Benzo(g,h,i)perylene	29.75	276	391315	20.018 ng/ul	97

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

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