Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032212.D
Acq On : 22 Jan 2018 15:01
Operator : SJ/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV81

Manual Integrations APPROVED
Sohil
1/23/2018 5:08:43 PM

Quant Time: Jan 22 17:20:55 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 17:12:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	39967	20.00	ng/ul	0.00
18) Naphthalene-d8	11.61	136	170158	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.37	164	120769	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.10	188	292730	20.00	ng/ul	0.00
77) Chrysene-d12	22.43	240	373457	20.00	ng/ul	0.00
85) Perylene-d12	26.12	264	389388	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.79	96	5143	7.79	ng/uL	0.00
5) Phenol-d5	7.84	99	55831	20.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.02	67	25561	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	8.25	132	53332	20.81	ng/ul	0.00
13) 4-Methylphenol-d8	9.44	113	53161	21.32	ng/ul	0.00
19) Nitrobenzene-d5	9.93	128	24512	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.67	143	30707	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.21	165	66912	20.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.74	131	54048	23.76	ng/ul	0.01
43) Dimethylphthalate-d6	14.75	166	202093	20.04	ng/ul	0.00
46) Acenaphthylene-d8	15.07	160	247671	20.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.52	143	25428	18.93	ng/ul	0.00
57) Fluorene-d10	16.35	176	187959	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.44	200	35457	19.63	ng/ul	0.00
70) Anthracene-d10	18.19	188	278335	19.77	ng/ul	0.00
78) Pyrene-d10	20.43	212	344346	19.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.87	264	359608	19.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.82	88	5756	7.675	ng/uL#	84
4) Benzaldehyde	7.84	77	35355	25.864	ng/ul	94
6) Phenol	7.87	94	53809	19.991	ng/ul#	86
8) Bis(2-Chloroethyl)ether	8.12	93	39628	20.939	ng/ul	94
10) 2-Chlorophenol	8.28	128	48267	19.940	ng/ul	92
11) 2-Methylphenol	9.17	108	43024	20.083	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	9.28	45	38998	20.694	ng/ul#	92
14) Acetophenone	9.57	105	71604	20.497	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.55	70	33691	20.663	ng/ul#	95
16) 4-Methylphenol	9.50	108	48808	20.814	ng/ul	97
17) Hexachloroethane	9.86	117	19546	20.456	ng/ul#	67
20) Nitrobenzene	9.97	77	51094	20.470	ng/ul#	88
21) Isophorone	10.50	82	91204	20.288	ng/ul#	87
23) 2-Nitrophenol	10.70	139	32797	21.511	ng/ul#	88
24) 2,4-Dimethylphenol	10.74	107	61468	20.121	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.98	93	56692	19.885	ng/ul	96
27) 2,4-Dichlorophenol	11.24	162	63581	20.699	ng/ul#	90
28) Naphthalene	11.67	128	157433	20.281	ng/ul	97
30) 4-Chloroaniline	11.76	127	54443	24.667	ng/ul	96
31) Hexachlorobutadiene	11.94	225	54536	19.642	ng/ul	93
32) Caprolactam	12.48	113	16991m	21.389	ng/ul	
33) 4-Chloro-3-methylphenol	12.84	107	58007	20.867	ng/ul	87
34) 2-Methylnaphthalene	13.23	142	137780	20.869	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.58	216	106149	19.713 ng/ul#	96
37) Hexachlorocyclopentadiene	13.56	237	40107	17.263 ng/ul#	94
38) 2,4,6-Trichlorophenol	13.81	196	61038	19.622 ng/ul	98
39) 2,4,5-Trichlorophenol	13.88	196	64527	20.095 ng/ul	89
40) 1,1'-Biphenyl	14.20	154	186440	19.561 ng/ul#	97
41) 2-Chloronaphthalene	14.26	162	155671	20.371 ng/ul	97
42) 2-Nitroaniline	14.45	65	32219	21.112 ng/ul	89
44) Dimethylphthalate	14.79	163	195481	20.199 ng/ul	99
45) 2,6-Dinitrotoluene	14.92	165	40294	20.394 ng/ul#	85
47) Acenaphthylene	15.10	152	214793	19.927 ng/ul	98
48) 3-Nitroaniline	15.25	138	32117	22.268 ng/ul	85
49) Acenaphthene	15.43	153	152232	19.351 ng/ul	96
50) 2,4-Dinitrophenol	15.46	184	14692	14.386 ng/ul#	56
52) 4-Nitrophenol	15.53	109	24019	19.385 ng/ul	87
53) Dibenzofuran	15.76	168	235328	19.859 ng/ul	93
54) 2,4-Dinitrotoluene	15.70	165	58585	20.506 ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	15.97	232	64237	20.908 ng/ul#	91
56) Diethylphthalate	16.14	149	184978	20.196 ng/ul	99
58) Fluorene	16.40	166	190116	20.238 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.38	204	118279	19.944 ng/ul	97
60) 4-Nitroaniline	16.41	138	36043	21.678 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	16.45	198	36385	19.329 ng/ul	92
64) N-Nitrosodiphenylamine	16.59	169	167104	20.077 ng/ul	95
65) 4-Bromophenyl-phenylether	17.27	248	83979	19.923 ng/ul	92
66) Hexachlorobenzene	17.40	284	86568	19.774 ng/ul	99
67) Atrazine	17.52	200	75762	20.245 ng/ul#	94
68) Pentachlorophenol	17.74	266	40078	18.357 ng/ul	95
69) Phenanthrene	18.14	178	307085	19.934 ng/ul	99
71) Anthracene	18.23	178	314394	19.889 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	14.18	216	105611	18.943 ng/uL	97
73) Pentachlorobenzene	15.68	250	113624	19.387 ng/uL	96
74) Carbazole	18.49	167	256584	20.946 ng/ul	99
75) Di-n-butylphthalate	19.00	149	293404	20.312 ng/ul	100
76) Fluoranthene	20.10	202	414041	21.791 ng/ul#	93
79) Pyrene	20.46	202	419890	19.917 ng/ul#	92
80) Butylbenzylphthalate	21.32	149	135669	19.756 ng/ul#	88
81) 3,3'-Dichlorobenzidine	22.30	252	130143	21.797 ng/ul#	98
82) Benzo(a)anthracene	22.41	228	450022	19.935 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	22.25	149	193564	19.861 ng/ul#	94
84) Chrysene	22.48	228	409626	19.991 ng/ul	99
86) Di-n-octyl phthalate	23.63	149	337853	20.804 ng/ul	100
87) Benzo(b)fluoranthene	24.93	252	471792	20.508 ng/ul#	98
88) Benzo(k)fluoranthene	25.01	252	452969	20.044 ng/ul#	95
90) Benzo(a)pyrene	25.94	252	442005	19.906 ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	30.39	276	489907	19.498 ng/ul#	93
92) Dibenzo(a,h)anthracene	30.47	278	378147	18.395 ng/ul#	95
93) Benzo(g,h,i)perylene	31.73	276	398605m	19.929 ng/ul	

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

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