Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047338.D
Acq On : 16 Nov 2020 21:00
Operator : CG/JU
Sample : SSTDCCC20EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD2009

Quant Time: Nov 17 06:53:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	56958	20.00	ng/ul	0.01
18) Naphthalene-d8	10.83	136	225445	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	145737	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.40	188	296627	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	261629	20.00	ng/ul	0.02
86) Perylene-d12	24.89	264	245217	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	8346	5.91	ng/uL	0.02
5) Phenol-d5	7.18	99	92391	18.69	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.34	67	52443	18.44	ng/ul	0.01
9) 2-Chlorophenol-d4	7.55	132	75743	19.70	ng/ul	0.02
13) 4-Methylphenol-d8	8.73	113	74658	18.93	ng/ul	0.02
19) Nitrobenzene-d5	9.18	128	35533	18.80	ng/ul	0.01
22) 2-Nitrophenol-d4	9.90	143	23722	10.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	87006	20.20	ng/ul	0.02
29) 4-Chloroaniline-d4	10.96	131	94085	25.62	ng/ul	0.01
44) Dimethylphthalate-d6	14.05	166	226475	18.90	ng/ul	0.00
47) Acenaphthylene-d8	14.35	160	276578	19.51	ng/ul	0.01
52) 4-Nitrophenol-d4	14.87	143	31111	16.49	ng/ul	0.03
58) Fluorene-d10	15.64	176	206025	18.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	158	0.08	ng/ul	0.14
71) Anthracene-d10	17.50	188	282806	19.67	ng/ul	0.01
79) Pyrene-d10	19.79	212	282353	18.92	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.67	264	268043	19.88	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	8169	5.396	ng/uL#	84
4) Benzaldehyde	7.15	77	56264	17.156	ng/ul	86
6) Phenol	7.21	94	90912	18.845	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.43	93	70952	18.769	ng/ul	96
10) 2-Chlorophenol	7.58	128	74300	19.461	ng/ul	95
11) 2-Methylphenol	8.46	108	71715	19.383	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.54	45	103466	18.420	ng/ul#	96
14) Acetophenone	8.84	105	115977	19.249	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.82	70	58084	17.817	ng/ul#	88
16) 4-Methylphenol	8.79	108	71800	18.477	ng/ul	95
17) Hexachloroethane	9.10	117	26400	14.990	ng/ul	92
20) Nitrobenzene	9.22	77	95696	18.755	ng/ul	99
21) Isophorone	9.75	82	165582	18.019	ng/ul	98
23) 2-Nitrophenol	9.94	139	24509	10.826	ng/ul#	88
24) 2,4-Dimethylphenol	10.00	107	88817	19.300	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.23	93	94336	18.192	ng/ul#	97
27) 2,4-Dichlorophenol	10.48	162	80873	19.908	ng/ul	94
28) Naphthalene	10.88	128	244280	19.287	ng/ul	99
30) 4-Chloroaniline	10.99	127	87287	24.985	ng/ul	95
31) Hexachlorobutadiene	11.16	225	71736	20.127	ng/ul	96
32) Caprolactam	11.75	113	28425	20.538	ng/ul#	73
33) 4-Chloro-3-methylphenol	12.12	107	78862	18.881	ng/ul#	87
34) 2-Methylnaphthalene	12.48	142	175588	19.432	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.71	142	201984	19.076 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.85	216	119765	21.099 ng/ul	97
39) 2,4,6-Trichlorophenol	13.09	196	74083	21.403 ng/ul	93
40) 2,4,5-Trichlorophenol	13.17	196	75898	21.398 ng/ul	97
41) 1,1'-Biphenyl	13.49	154	232925	20.258 ng/ul	99
42) 2-Chloronaphthalene	13.53	162	187333	20.200 ng/ul	98
43) 2-Nitroaniline	13.73	65	50195	18.001 ng/ul	91
45) Dimethylphthalate	14.10	163	227062	18.881 ng/ul#	95
46) 2,6-Dinitrotoluene	14.23	165	30634	11.769 ng/ul	88
48) Acenaphthylene	14.38	152	264749	19.962 ng/ul	97
49) 3-Nitroaniline	14.56	138	38630	22.717 ng/ul	90
50) Acenaphthene	14.72	153	186486	19.435 ng/ul	98
53) 4-Nitrophenol	14.88	109	34572	17.923 ng/ul	95
54) Dibenzofuran	15.05	168	270490	19.370 ng/ul	98
55) 2,4-Dinitrotoluene	15.02	165	35237	9.856 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.29	232	71534	19.208 ng/ul	93
57) Diethylphthalate	15.46	149	217709	18.064 ng/ul	99
59) Fluorene	15.70	166	210378	18.354 ng/ul	93
60) 4-Chlorophenyl-phenylether	15.69	204	123201	18.734 ng/ul	96
61) 4-Nitroaniline	15.72	138	43821	22.242 ng/ul	93
65) N-Nitrosodiphenylamine	15.90	169	184181	21.484 ng/ul	98
66) 4-Bromophenyl-phenylether	16.58	248	82220	20.896 ng/ul	95
67) Hexachlorobenzene	16.71	284	85663	20.570 ng/ul	95
68) Atrazine	16.85	200	73882	19.969 ng/ul#	97
69) Pentachlorophenol	17.06	266	43995	18.524 ng/ul	94
70) Phenanthrene	17.45	178	317423	19.079 ng/ul	98
72) Anthracene	17.54	178	321580	19.234 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.46	216	122415	24.567 ng/uL	99
74) Pentachlorobenzene	14.98	250	113568	23.772 ng/uL	98
75) Carbazole	17.81	167	254474	19.814 ng/ul	99
76) Di-n-butylphthalate	18.35	149	310019	18.094 ng/ul	98
77) Fluoranthene	19.45	202	343180	17.138 ng/ul	98
80) Pyrene	19.82	202	343149	19.166 ng/ul#	94
81) Butylbenzylphthalate	20.69	149	121234	18.435 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.56	252	126068	26.333 ng/ul	99
83) Benzo(a)anthracene	21.65	228	344255	19.423 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	172895	18.952 ng/ul	96
85) Chrysene	21.71	228	330356	19.373 ng/ul	99
87) Di-n-octyl phthalate	22.75	149	297659	21.684 ng/ul	100
88) Benzo(b)fluoranthene	23.86	252	337548	20.722 ng/ul	96
89) Benzo(k)fluoranthene	23.93	252	337827	21.403 ng/ul	98
91) Benzo(a)pyrene	24.73	252	297758	20.299 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.56	276	255573	14.020 ng/ul	99
93) Dibenzo(a,h)anthracene	28.62	278	206276	13.950 ng/ul	99
94) Benzo(g,h,i)perylene	29.70	276	166916	10.956 ng/ul#	97

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

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