Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121520\
Data File : BG047738.D
Acq On : 15 Dec 2020 8:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020003

Manual Integrations APPROVED
mohammad
12/18/2020 10:23:10 AM

Quant Time: Dec 15 10:38:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 14:20:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	28705	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	110943	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	84313	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	214900	20.00	ng/ul	0.00
79) Chrysene-d12	21.83	240	218428	20.00	ng/ul	0.00
88) Perylene-d12	25.18	264	234760	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	5201	7.97	ng/uL	0.00
4) Pyridine-d5	3.95	84	38359	20.71	ng/ul	0.00
7) Phenol-d5	7.34	99	48869	20.29	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	26623	20.98	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	36770	20.19	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	39484	21.56	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	18713	20.04	ng/ul	0.00
24) 2-Nitrophenol-d4	10.09	143	20579	19.37	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	46183	20.58	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	53616	20.53	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	142092	20.42	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	169674	21.32	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	19607	18.50	ng/ul	0.00
60) Fluorene-d10	15.81	176	131795	20.29	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	28663	19.49	ng/ul	0.00
73) Anthracene-d10	17.66	188	214429	20.52	ng/ul	0.00
81) Pyrene-d10	19.93	212	257063	21.74	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.95	264	274958	20.87	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	5363	7.967	ng/uL	92
5) Pyridine	3.98	79	35616	20.502	ng/ul	92
6) Benzaldehyde	7.33	77	23358	21.112	ng/ul	88
8) Phenol	7.37	94	48580	20.530	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.61	93	34086	20.712	ng/ul	90
12) 2-Chlorophenol	7.76	128	37972	21.018	ng/ul#	88
13) 2-Methylphenol	8.63	108	38673	21.483	ng/ul#	77
14) 2,2'-oxybis(1-Chloropropan	8.73	45	31696	20.693	ng/ul	95
16) Acetophenone	9.03	105	62081	20.181	ng/ul#	82
17) N-Nitroso-di-n-propylamine	9.01	70	33470	19.815	ng/ul#	98
18) 4-Methylphenol	8.96	108	39637	20.064	ng/ul	89
19) Hexachloroethane	9.30	117	17337	19.597	ng/ul	94
22) Nitrobenzene	9.42	77	59279	21.326	ng/ul	95
23) Isophorone	9.94	82	97925	20.283	ng/ul	96
25) 2-Nitrophenol	10.14	139	22812	20.545	ng/ul	92
26) 2,4-Dimethylphenol	10.18	107	52850	20.276	ng/ul#	89
27) Bis(2-Chloroethoxy)methane	10.42	93	45401	19.702	ng/ul#	86
29) 2,4-Dichlorophenol	10.66	162	42153	20.470	ng/ul	97
30) Naphthalene	11.08	128	123670	20.176	ng/ul	100
32) 4-Chloroaniline	11.18	127	51497	20.623	ng/ul	92
33) Hexachlorobutadiene	11.36	225	43365	19.611	ng/ul	89
34) Caprolactam	11.92	113	13561m	19.441	ng/ul	

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	47820	21.068	ng/ul#	87
36) 2-Methylnaphthalene	12.67	142	96034	20.763	ng/ul	97
37) 1-Methylnaphthalene	12.89	142	89239	20.193	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	72146	20.777	ng/ul	91
40) Hexachlorocyclopentadiene	13.01	237	43920	19.292	ng/ul	97
41) 2,4,6-Trichlorophenol	13.26	196	41692	20.023	ng/ul	91
42) 2,4,5-Trichlorophenol	13.34	196	45765	20.753	ng/ul	95
43) 1,1'-Biphenyl	13.66	154	134583	20.666	ng/ul	98
44) 2-Chloronaphthalene	13.71	162	107321	20.936	ng/ul	96
45) 2-Nitroaniline	13.90	65	37411	21.247	ng/ul	99
47) Dimethylphthalate	14.27	163	147954	20.751	ng/ul	100
48) 2,6-Dinitrotoluene	14.38	165	32366	21.486	ng/ul#	95
50) Acenaphthylene	14.55	152	157580	21.017	ng/ul	97
51) 3-Nitroaniline	14.72	138	18188	16.816	ng/ul#	82
52) Acenaphthene	14.89	153	113958	21.386	ng/ul	97
53) 2,4-Dinitrophenol	14.92	184	15514	17.362	ng/ul#	85
55) 4-Nitrophenol	15.01	109	37115	20.652	ng/ul	91
56) Dibenzofuran	15.22	168	159761	20.698	ng/ul	96
57) 2,4-Dinitrotoluene	15.17	165	43720	20.250	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.44	232	41868	20.501	ng/ul#	96
59) Diethylphthalate	15.62	149	143219	20.292	ng/ul	94
61) Fluorene	15.86	166	137698	20.755	ng/ul	92
62) 4-Chlorophenyl-phenylether	15.85	204	86613	20.873	ng/ul	95
63) 4-Nitroaniline	15.87	138	14641	14.399	ng/ul	89
66) 4,6-Dinitro-2-methylphenol	15.93	198	29040	19.451	ng/ul#	95
67) N-Nitrosodiphenylamine	16.06	169	124444	20.812	ng/ul	95
68) 4-Bromophenyl-phenylether	16.75	248	56572	20.503	ng/ul	92
69) Hexachlorobenzene	16.87	284	63738	21.043	ng/ul	97
70) Atrazine	17.00	200	59180	20.775	ng/ul#	89
71) Pentachlorophenol	17.21	266	25327	17.789	ng/ul	87
72) Phenanthrene	17.60	178	245360	21.027	ng/ul	97
74) Anthracene	17.70	178	249736	21.423	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	71020	20.392	ng/uL	89
76) Pentachlorobenzene	15.14	250	72097	21.215	ng/uL	96
77) Carbazole	17.96	167	195530	20.576	ng/ul	96
78) Di-n-butylphthalate	18.50	149	241472	20.718	ng/ul	100
80) Fluoranthene	19.60	202	326431	21.805	ng/ul#	98
82) Pyrene	19.96	202	319303	21.604	ng/ul	98
83) Butylbenzylphthalate	20.82	149	108442	21.033	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.72	252	108725	20.216	ng/ul	96
85) Benzo(a)anthracene	21.82	228	322974	20.948	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.70	149	147125	20.703	ng/ul	95
87) Chrysene	21.89	228	298401	20.397	ng/ul	97
89) Di-n-octyl phthalate	22.95	149	251104	20.325	ng/ul	100
90) Benzo(b)fluoranthene	24.12	252	334836	20.406	ng/ul	99
91) Benzo(k)fluoranthene	24.18	252	327911	20.228	ng/ul	96
93) Benzo(a)pyrene	25.03	252	301191	20.814	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.03	276	369751	20.649	ng/ul	95
95) Dibenzo(a,h)anthracene	29.09	278	300736	20.223	ng/ul	99
96) Benzo(g,h,i)perylene	30.24	276	303044	20.549	ng/ul	97

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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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