Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112520\
Data File : BG047466.D
Acq On : 25 Nov 2020 11:18
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020451

Manual Integrations APPROVED
mohammad
11/27/2020 11:45:34 AM

Quant Time: Nov 25 12:38:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG111820.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 04:10:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	28896	20.00	ng/ul	0.00
20) Naphthalene-d8	11.10	136	111306	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	82950	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	215634	20.00	ng/ul	0.00
79) Chrysene-d12	21.90	240	213205	20.00	ng/ul	0.00
88) Perylene-d12	25.30	264	225489	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	5131	7.04	ng/uL	0.00
4) Pyridine-d5	4.04	84	37265	16.64	ng/ul	0.00
7) Phenol-d5	7.40	99	50861	18.37	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.58	67	29229	18.04	ng/ul	0.00
11) 2-Chlorophenol-d4	7.79	132	37030	19.60	ng/ul	0.00
15) 4-Methylphenol-d8	8.96	113	40995	19.06	ng/ul	0.00
21) Nitrobenzene-d5	9.43	128	19190	20.77	ng/ul	0.00
24) 2-Nitrophenol-d4	10.17	143	21277	22.01	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.70	165	45386	20.40	ng/ul	0.00
31) 4-Chloroaniline-d4	11.22	131	51963	18.91	ng/ul	0.00
46) Dimethylphthalate-d6	14.27	166	141550	20.41	ng/ul	0.00
49) Acenaphthylene-d8	14.58	160	165568	20.92	ng/ul	0.00
54) 4-Nitrophenol-d4	15.04	143	22953	22.66	ng/ul	0.00
60) Fluorene-d10	15.86	176	126958	20.26	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.97	200	26060	22.81	ng/ul	0.00
73) Anthracene-d10	17.72	188	216153	20.71	ng/ul	0.00
81) Pyrene-d10	19.98	212	248651	20.67	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.07	264	252861	20.34	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	5896	6.988	ng/uL#	80
5) Pyridine	4.06	79	37279	17.135	ng/ul#	90
6) Benzaldehyde	7.40	77	26756	19.519	ng/ul	96
8) Phenol	7.43	94	48938	18.187	ng/ul	87
10) Bis(2-Chloroethyl)ether	7.68	93	35424	17.822	ng/ul	96
12) 2-Chlorophenol	7.83	128	37977	19.982	ng/ul	98
13) 2-Methylphenol	8.70	108	38711	18.645	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.79	45	33738	15.292	ng/ul#	92
16) Acetophenone	9.10	105	65366	18.545	ng/ul	96
17) N-Nitroso-di-n-propylamine	9.07	70	38150	18.014	ng/ul	88
18) 4-Methylphenol	9.02	108	40037	17.876	ng/ul	94
19) Hexachloroethane	9.37	117	18519	21.151	ng/ul	99
22) Nitrobenzene	9.48	77	57463	20.114	ng/ul#	90
23) Isophorone	10.00	82	98728	17.410	ng/ul	99
25) 2-Nitrophenol	10.20	139	22070	21.136	ng/ul#	87
26) 2,4-Dimethylphenol	10.24	107	52106	18.987	ng/ul	93
27) Bis(2-Chloroethoxy)methane	10.48	93	47433	17.200	ng/ul	94
29) 2,4-Dichlorophenol	10.73	162	42500	21.011	ng/ul	95
30) Naphthalene	11.15	128	121702	19.508	ng/ul	97
32) 4-Chloroaniline	11.24	127	51674	19.775	ng/ul	92
33) Hexachlorobutadiene	11.43	225	45041	23.615	ng/ul	90
34) Caprolactam	11.99	113	14899m	19.428	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.33	107	48624	19.041	ng/ul	93
36) 2-Methylnaphthalene	12.73	142	93030	19.682	ng/ul	95
37) 1-Methylnaphthalene	12.95	142	89676	19.632	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	72039	22.471	ng/ul	97
40) Hexachlorocyclopentadiene	13.07	237	47439	20.840	ng/ul	98
41) 2,4,6-Trichlorophenol	13.32	196	46677	23.714	ng/ul#	86
42) 2,4,5-Trichlorophenol	13.39	196	44618	21.512	ng/ul	97
43) 1,1'-Biphenyl	13.72	154	129308	20.786	ng/ul	98
44) 2-Chloronaphthalene	13.77	162	103613	20.879	ng/ul	96
45) 2-Nitroaniline	13.96	65	35333	20.787	ng/ul	90
47) Dimethylphthalate	14.32	163	147012	20.816	ng/ul	96
48) 2,6-Dinitrotoluene	14.44	165	26431	20.004	ng/ul	97
50) Acenaphthylene	14.61	152	149029	20.049	ng/ul	99
51) 3-Nitroaniline	14.77	138	22314	20.522	ng/ul#	93
52) Acenaphthene	14.94	153	110325	20.640	ng/ul	96
53) 2,4-Dinitrophenol	14.97	184	12284	18.166	ng/ul	89
55) 4-Nitrophenol	15.06	109	36610	24.894	ng/ul	88
56) Dibenzofuran	15.27	168	159942	20.952	ng/ul	100
57) 2,4-Dinitrotoluene	15.22	165	39601	21.391	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	47306	24.740	ng/ul#	94
59) Diethylphthalate	15.67	149	139931	19.686	ng/ul	95
61) Fluorene	15.92	166	135039	20.666	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.91	204	83115	20.966	ng/ul	90
63) 4-Nitroaniline	15.92	138	23042	21.168	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.98	198	25587	21.214	ng/ul#	96
67) N-Nitrosodiphenylamine	16.11	169	121714	19.841	ng/ul	96
68) 4-Bromophenyl-phenylether	16.80	248	55286	20.433	ng/ul	94
69) Hexachlorobenzene	16.92	284	60189	20.858	ng/ul	95
70) Atrazine	17.05	200	58554	21.465	ng/ul	96
71) Pentachlorophenol	17.26	266	32687	20.978	ng/ul	92
72) Phenanthrene	17.66	178	235299	20.481	ng/ul	98
74) Anthracene	17.75	178	231248	19.953	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.69	216	71853	21.249	ng/uL	95
76) Pentachlorobenzene	15.20	250	69659	20.911	ng/uL	95
77) Carbazole	18.01	167	199604	21.314	ng/ul	96
78) Di-n-butylphthalate	18.55	149	241468	19.790	ng/ul	100
80) Fluoranthene	19.65	202	319347	21.004	ng/ul#	95
82) Pyrene	20.01	202	309896	20.606	ng/ul#	94
83) Butylbenzylphthalate	20.88	149	105456	19.891	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.78	252	111978	20.819	ng/ul	93
85) Benzo(a)anthracene	21.88	228	305304	20.483	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.77	149	142553	19.293	ng/ul#	98
87) Chrysene	21.95	228	293803	20.531	ng/ul	98
89) Di-n-octyl phthalate	23.05	149	242796	19.481	ng/ul	100
90) Benzo(b)fluoranthene	24.22	252	316416	20.227	ng/ul#	96
91) Benzo(k)fluoranthene	24.29	252	311004	20.692	ng/ul#	99
93) Benzo(a)pyrene	25.14	252	284908	20.505	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.21	276	342838	20.442	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.27	278	286822	20.810	ng/ul#	98
96) Benzo(g,h,i)perylene	30.43	276	283525m	20.398	ng/ul	

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

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