Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020421\
Data File : BG048118.D
Acq On : 4 Feb 2021 16:47
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020083

Manual Integrations APPROVED
mohammad
2/8/2021 12:15:48 PM

Quant Time: Feb 04 17:25:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 04 12:55:42 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	44108	20.00	ng/ul	0.00
20) Naphthalene-d8	10.92	136	168256	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.74	164	121923	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	311392	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	353801	20.00	ng/ul	0.00
88) Perylene-d12	25.02	264	362037	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	9377	7.99	ng/uL	0.00
4) Pyridine-d5	3.94	84	70907	20.70	ng/ul	0.00
7) Phenol-d5	7.26	99	82433	20.04	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.43	67	53494	21.59	ng/ul	0.00
11) 2-Chlorophenol-d4	7.64	132	61816	20.66	ng/ul	0.00
15) 4-Methylphenol-d8	8.81	113	64140	19.76	ng/ul	0.00
21) Nitrobenzene-d5	9.27	128	30204	21.35	ng/ul	0.00
24) 2-Nitrophenol-d4	9.99	143	36293	20.87	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.54	165	68524	20.83	ng/ul	0.00
31) 4-Chloroaniline-d4	11.05	131	90976	21.59	ng/ul	0.00
46) Dimethylphthalate-d6	14.13	166	216024	21.21	ng/ul	0.00
49) Acenaphthylene-d8	14.42	160	246198	21.01	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	39477	21.62	ng/ul	0.00
60) Fluorene-d10	15.72	176	193195	21.17	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	44783	20.11	ng/ul	0.00
73) Anthracene-d10	17.57	188	320575	21.32	ng/ul	0.00
81) Pyrene-d10	19.85	212	407258	20.65	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.79	264	433515	21.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	11031	8.348	ng/uL	95
5) Pyridine	3.95	79	75792	21.598	ng/ul	98
6) Benzaldehyde	7.24	77	43050	21.574	ng/ul	98
8) Phenol	7.28	94	83975	20.142	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.52	93	68412	21.411	ng/ul	94
12) 2-Chlorophenol	7.67	128	61373	20.839	ng/ul	95
13) 2-Methylphenol	8.54	108	62720	20.849	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.63	45	89444	21.597	ng/ul	98
16) Acetophenone	8.93	105	103379	20.056	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.91	70	57697	19.553	ng/ul	97
18) 4-Methylphenol	8.87	108	65102	19.772	ng/ul	89
19) Hexachloroethane	9.20	117	27850	20.445	ng/ul#	84
22) Nitrobenzene	9.31	77	89107	21.015	ng/ul	100
23) Isophorone	9.84	82	156934	20.318	ng/ul	99
25) 2-Nitrophenol	10.02	139	37367	21.379	ng/ul	91
26) 2,4-Dimethylphenol	10.08	107	78743	21.545	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.32	93	89683	20.566	ng/ul	97
29) 2,4-Dichlorophenol	10.56	162	65292	20.803	ng/ul	98
30) Naphthalene	10.98	128	197638	20.837	ng/ul	96
32) 4-Chloroaniline	11.07	127	87522	21.708	ng/ul	92
33) Hexachlorobutadiene	11.26	225	57036	21.270	ng/ul	93
34) Caprolactam	11.82	113	22823m	20.901	ng/ul	

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35) 4-Chloro-3-methylphenol	12.18	107	73242	21.041	ng/ul	89
36) 2-Methylnaphthalene	12.57	142	141752	20.180	ng/ul	95
37) 1-Methylnaphthalene	12.79	142	140118	21.042	ng/ul#	99
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	101190	21.180	ng/ul	97
40) Hexachlorocyclopentadiene	12.91	237	65396	20.918	ng/ul	95
41) 2,4,6-Trichlorophenol	13.17	196	62595	20.138	ng/ul	94
42) 2,4,5-Trichlorophenol	13.24	196	68633	20.717	ng/ul	91
43) 1,1'-Biphenyl	13.57	154	197120	21.156	ng/ul	99
44) 2-Chloronaphthalene	13.61	162	165810	21.258	ng/ul	98
45) 2-Nitroaniline	13.81	65	55434	21.282	ng/ul	94
47) Dimethylphthalate	14.18	163	220457	21.062	ng/ul	99
48) 2,6-Dinitrotoluene	14.30	165	45231	20.425	ng/ul	99
50) Acenaphthylene	14.45	152	234987	20.779	ng/ul	98
51) 3-Nitroaniline	14.62	138	28420	17.022	ng/ul	96
52) Acenaphthene	14.79	153	170734	20.817	ng/ul	98
53) 2,4-Dinitrophenol	14.83	184	30215	20.434	ng/ul	96
55) 4-Nitrophenol	14.92	109	41535	21.709	ng/ul	94
56) Dibenzofuran	15.13	168	251838	21.301	ng/ul	98
57) 2,4-Dinitrotoluene	15.08	165	66453	21.241	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.35	232	67724	21.113	ng/ul	98
59) Diethylphthalate	15.54	149	229090	21.571	ng/ul	97
61) Fluorene	15.78	166	202778	21.127	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.77	204	122852	21.037	ng/ul	98
63) 4-Nitroaniline	15.78	138	26324	16.164	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.85	198	46309	19.913	ng/ul#	97
67) N-Nitrosodiphenylamine	15.98	169	182928	20.330	ng/ul	95
68) 4-Bromophenyl-phenylether	16.66	248	85146	20.606	ng/ul	96
69) Hexachlorobenzene	16.78	284	88903	20.524	ng/ul	97
70) Atrazine	16.92	200	90455	22.434	ng/ul	98
71) Pentachlorophenol	17.12	266	55387	21.034	ng/ul	97
72) Phenanthrene	17.52	178	372423	21.315	ng/ul	98
74) Anthracene	17.61	178	379835	21.387	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.54	216	103404	20.530	ng/uL	98
76) Pentachlorobenzene	15.05	250	105325	20.620	ng/uL	96
77) Carbazole	17.87	167	326988	22.455	ng/ul	98
78) Di-n-butylphthalate	18.43	149	419105	22.629	ng/ul	98
80) Fluoranthene	19.52	202	518517	20.640	ng/ul	100
82) Pyrene	19.88	202	512940	20.859	ng/ul	99
83) Butylbenzylphthalate	20.76	149	187024	20.847	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.64	252	176344	21.223	ng/ul	100
85) Benzo(a)anthracene	21.73	228	524234	21.246	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.63	149	268787	20.993	ng/ul#	98
87) Chrysene	21.79	228	503087	21.137	ng/ul	99
89) Di-n-octyl phthalate	22.86	149	458054	22.452	ng/ul	100
90) Benzo(b)fluoranthene	23.97	252	523258	21.509	ng/ul	99
91) Benzo(k)fluoranthene	24.04	252	525557	22.119	ng/ul	97
93) Benzo(a)pyrene	24.87	252	488349	22.009	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.74	276	599595	21.795	ng/ul	98
95) Dibenzo(a,h)anthracene	28.80	278	504467	22.124	ng/ul	99
96) Benzo(g,h,i)perylene	29.92	276	496663m	21.642	ng/ul	

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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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