Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011421\
Data File : BG047913.D
Acq On : 14 Jan 2021 9:23
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020008

Manual Integrations APPROVED
mohammad
1/18/2021 3:35:30 PM

Quant Time: Jan 14 11:17:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG011321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 15:41:08 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	66092	20.00	ng/ul	0.00
20) Naphthalene-d8	10.97	136	261585	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.78	164	178778	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	445328	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	464729	20.00	ng/ul	0.00
88) Perylene-d12	25.12	264	468534	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	14636	7.76	ng/uL	0.00
4) Pyridine-d5	3.97	84	103542	20.66	ng/ul	0.00
7) Phenol-d5	7.29	99	118464	20.80	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.47	67	79053	21.83	ng/ul	0.00
11) 2-Chlorophenol-d4	7.68	132	88412	20.32	ng/ul	0.00
15) 4-Methylphenol-d8	8.84	113	92923	20.65	ng/ul	0.00
21) Nitrobenzene-d5	9.31	128	35199	21.53	ng/ul	0.00
24) 2-Nitrophenol-d4	10.04	143	34695	20.06	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.58	165	98558	21.18	ng/ul	0.00
31) 4-Chloroaniline-d4	11.09	131	139610	22.48	ng/ul	0.00
46) Dimethylphthalate-d6	14.18	166	313368	21.26	ng/ul	0.00
49) Acenaphthylene-d8	14.47	160	366510	21.03	ng/ul	0.00
54) 4-Nitrophenol-d4	14.94	143	45854	21.12	ng/ul	0.00
60) Fluorene-d10	15.77	176	273093	20.76	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.87	200	37219	18.65	ng/ul	0.00
73) Anthracene-d10	17.62	188	442559	20.74	ng/ul	0.00
81) Pyrene-d10	19.90	212	530339	20.97	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.89	264	556009	21.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	15951m	8.089	ng/uL	
5) Pyridine	4.00	79	109801	21.615	ng/ul	97
6) Benzaldehyde	7.29	77	43750	16.977	ng/ul	95
8) Phenol	7.32	94	119248	20.726	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.57	93	92288	20.791	ng/ul	96
12) 2-Chlorophenol	7.71	128	86403	20.127	ng/ul	98
13) 2-Methylphenol	8.58	108	92428	20.888	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.69	45	141174	21.163	ng/ul	97
16) Acetophenone	8.97	105	147074	21.257	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.96	70	83525	20.698	ng/ul#	97
18) 4-Methylphenol	8.91	108	96074	20.916	ng/ul	98
19) Hexachloroethane	9.25	117	38580	20.281	ng/ul	95
22) Nitrobenzene	9.36	77	108384	22.103	ng/ul	96
23) Isophorone	9.88	82	239482	20.864	ng/ul	98
25) 2-Nitrophenol	10.07	139	41638	21.408	ng/ul	99
26) 2,4-Dimethylphenol	10.12	107	115316	21.330	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.37	93	130585	21.294	ng/ul	99
29) 2,4-Dichlorophenol	10.61	162	89194	20.955	ng/ul	98
30) Naphthalene	11.02	128	295742	21.045	ng/ul	100
32) 4-Chloroaniline	11.12	127	128410	22.599	ng/ul	96
33) Hexachlorobutadiene	11.31	225	79439	20.603	ng/ul	98
34) Caprolactam	11.86	113	32685m	20.728	ng/ul	

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35) 4-Chloro-3-methylphenol	12.22	107	103486	21.497	ng/ul	97
36) 2-Methylnaphthalene	12.62	142	219894	20.952	ng/ul	100
37) 1-Methylnaphthalene	12.83	142	212091	21.147	ng/ul#	99
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	141108	20.803	ng/ul	99
40) Hexachlorocyclopentadiene	12.96	237	78533	19.076	ng/ul	100
41) 2,4,6-Trichlorophenol	13.21	196	82509	20.643	ng/ul#	94
42) 2,4,5-Trichlorophenol	13.27	196	88623	20.971	ng/ul	95
43) 1,1'-Biphenyl	13.61	154	293209	20.966	ng/ul	96
44) 2-Chloronaphthalene	13.66	162	225172	20.686	ng/ul	98
45) 2-Nitroaniline	13.85	65	59131	23.071	ng/ul	93
47) Dimethylphthalate	14.23	163	319133	21.191	ng/ul	99
48) 2,6-Dinitrotoluene	14.34	165	49501	21.990	ng/ul	90
50) Acenaphthylene	14.50	152	350733	20.962	ng/ul	98
51) 3-Nitroaniline	14.67	138	33828	17.115	ng/ul#	93
52) Acenaphthene	14.84	153	253511	20.826	ng/ul	98
53) 2,4-Dinitrophenol	14.87	184	27410	19.551	ng/ul	91
55) 4-Nitrophenol	14.95	109	50520	21.954	ng/ul	96
56) Dibenzofuran	15.17	168	353442	21.461	ng/ul	98
57) 2,4-Dinitrotoluene	15.12	165	72072	23.085	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	81164	21.030	ng/ul#	96
59) Diethylphthalate	15.58	149	318523	21.218	ng/ul	98
61) Fluorene	15.82	166	297672	21.318	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.81	204	166327	20.750	ng/ul	99
63) 4-Nitroaniline	15.82	138	32416	16.161	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.88	198	40842	18.486	ng/ul#	90
67) N-Nitrosodiphenylamine	16.02	169	271391	21.041	ng/ul	96
68) 4-Bromophenyl-phenylether	16.71	248	114922	20.938	ng/ul	95
69) Hexachlorobenzene	16.82	284	115397	20.561	ng/ul	99
70) Atrazine	16.96	200	117310	21.641	ng/ul	96
71) Pentachlorophenol	17.16	266	65896	19.302	ng/ul	98
72) Phenanthrene	17.56	178	502439	20.834	ng/ul	97
74) Anthracene	17.65	178	509045	21.115	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.58	216	143722	20.488	ng/uL	99
76) Pentachlorobenzene	15.09	250	138250	20.223	ng/uL	94
77) Carbazole	17.92	167	448140	22.566	ng/ul	99
78) Di-n-butylphthalate	18.48	149	550429	21.093	ng/ul	99
80) Fluoranthene	19.56	202	687935	21.547	ng/ul	99
82) Pyrene	19.93	202	674075	21.484	ng/ul	97
83) Butylbenzylphthalate	20.81	149	245523	22.244	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.69	252	213873	19.815	ng/ul	95
85) Benzo(a)anthracene	21.78	228	690563	21.247	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.70	149	353970	21.615	ng/ul	96
87) Chrysene	21.85	228	656312	21.001	ng/ul	98
89) Di-n-octyl phthalate	22.96	149	592588	22.267	ng/ul	100
90) Benzo(b)fluoranthene	24.06	252	689582	21.343	ng/ul	100
91) Benzo(k)fluoranthene	24.13	252	668170	21.092	ng/ul	99
93) Benzo(a)pyrene	24.96	252	629160	21.599	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.90	276	767354	21.331	ng/ul	96
95) Dibenzo(a,h)anthracene	28.97	278	633914	21.589	ng/ul	95
96) Benzo(g,h,i)perylene	30.08	276	633758	21.410	ng/ul	98

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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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