Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012921\
Data File : BG048069.D
Acq On : 29 Jan 2021 12:14
Operator : CG/JU
Sample : SSTD01001
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010001

Manual Integrations APPROVED
mohammad
2/1/2021 11:49:04 AM

Quant Time: Jan 29 14:05:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 14:00:06 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	45473	20.00	ng/ul	0.00
20) Naphthalene-d8	10.93	136	182752	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.74	164	137273	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.48	188	330871	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	331943	20.00	ng/ul	0.00
88) Perylene-d12	25.03	264	345804	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	4279	3.44	ng/uL	0.00
4) Pyridine-d5	3.94	84	33433	9.67	ng/ul	0.00
7) Phenol-d5	7.26	99	42278	11.09	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	25949	10.61	ng/ul	0.00
11) 2-Chlorophenol-d4	7.65	132	30021	10.31	ng/ul	0.00
15) 4-Methylphenol-d8	8.81	113	32450	10.72	ng/ul	0.00
21) Nitrobenzene-d5	9.27	128	14473	11.08	ng/ul	0.00
24) 2-Nitrophenol-d4	10.00	143	18299	14.19	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.54	165	35015	10.92	ng/ul	0.00
31) 4-Chloroaniline-d4	11.06	131	46226	10.52	ng/ul	0.00
46) Dimethylphthalate-d6	14.13	166	115360	10.36	ng/ul	0.00
49) Acenaphthylene-d8	14.43	160	132178	10.03	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	19354	10.55	ng/ul	0.00
60) Fluorene-d10	15.73	176	104317	10.35	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	21578	13.30	ng/ul	0.00
73) Anthracene-d10	17.58	188	160419	10.17	ng/ul	0.00
81) Pyrene-d10	19.86	212	193494	10.72	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.80	264	187648	9.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	5886	4.353	ng/uL	92
5) Pyridine	3.96	79	33939	9.766	ng/ul	91
6) Benzaldehyde	7.25	77	22495	12.574	ng/ul	98
8) Phenol	7.28	94	42209	10.954	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.52	93	32532	10.738	ng/ul	94
12) 2-Chlorophenol	7.68	128	30589	10.745	ng/ul	96
13) 2-Methylphenol	8.55	108	29170	9.820	ng/ul	89
14) 2,2'-oxybis(1-Chloropropan	8.63	45	44679	10.050	ng/ul#	91
16) Acetophenone	8.93	105	55014	11.890	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.92	70	32101	11.728	ng/ul	94
18) 4-Methylphenol	8.88	108	34363	11.057	ng/ul	87
19) Hexachloroethane	9.21	117	13819	10.748	ng/ul	92
22) Nitrobenzene	9.32	77	47215	12.174	ng/ul	95
23) Isophorone	9.84	82	86096	11.002	ng/ul#	97
25) 2-Nitrophenol	10.03	139	18954	12.839	ng/ul	95
26) 2,4-Dimethylphenol	10.08	107	39513	10.652	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.32	93	46644	10.894	ng/ul	97
29) 2,4-Dichlorophenol	10.56	162	33757	11.301	ng/ul	97
30) Naphthalene	10.98	128	102873	10.379	ng/ul	95
32) 4-Chloroaniline	11.08	127	44741	10.972	ng/ul	92
33) Hexachlorobutadiene	11.27	225	28975	10.886	ng/ul	93
34) Caprolactam	11.84	113	10074	9.276	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.18	107	36679	10.890	ng/ul	98
36) 2-Methylnaphthalene	12.58	142	77900	10.589	ng/ul	97
37) 1-Methylnaphthalene	12.79	142	72471	10.236	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	54873	10.755	ng/ul	94
40) Hexachlorocyclopentadiene	12.92	237	31991	10.885	ng/ul	94
41) 2,4,6-Trichlorophenol	13.17	196	33356	11.383	ng/ul	96
42) 2,4,5-Trichlorophenol	13.25	196	36219	11.345	ng/ul	90
43) 1,1'-Biphenyl	13.58	154	105327	9.974	ng/ul	98
44) 2-Chloronaphthalene	13.62	162	88054	10.717	ng/ul	99
45) 2-Nitroaniline	13.81	65	28206	12.395	ng/ul	87
47) Dimethylphthalate	14.18	163	117400	10.287	ng/ul	99
48) 2,6-Dinitrotoluene	14.30	165	23896	11.930	ng/ul	98
50) Acenaphthylene	14.46	152	128875	10.112	ng/ul	99
51) 3-Nitroaniline	14.63	138	18963	11.052	ng/ul#	99
52) Acenaphthene	14.80	153	91467	9.835	ng/ul	91
53) 2,4-Dinitrophenol	14.83	184	13450	11.936	ng/ul	97
55) 4-Nitrophenol	14.92	109	20643	10.953	ng/ul	95
56) Dibenzofuran	15.13	168	135132	10.703	ng/ul	99
57) 2,4-Dinitrotoluene	15.09	165	32923	11.543	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	34523	11.600	ng/ul#	95
59) Diethylphthalate	15.54	149	118781	10.490	ng/ul	98
61) Fluorene	15.78	166	108234	10.069	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.77	204	66434	10.872	ng/ul	98
63) 4-Nitroaniline	15.78	138	18364	10.904	ng/ul#	91
66) 4,6-Dinitro-2-methylphenol	15.85	198	22636	12.807	ng/ul	100
67) N-Nitrosodiphenylamine	15.98	169	97111	10.264	ng/ul	95
68) 4-Bromophenyl-phenylether	16.67	248	43024	10.778	ng/ul	88
69) Hexachlorobenzene	16.78	284	46388	11.267	ng/ul	96
70) Atrazine	16.92	200	42402	10.766	ng/ul	97
71) Pentachlorophenol	17.13	266	23279	9.260	ng/ul	96
72) Phenanthrene	17.52	178	188862	10.462	ng/ul	98
74) Anthracene	17.61	178	193425	10.707	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.54	216	54698	10.671	ng/uL	99
76) Pentachlorobenzene	15.06	250	52571	10.663	ng/uL	93
77) Carbazole	17.88	167	161648	10.929	ng/ul	97
78) Di-n-butylphthalate	18.43	149	195457	10.326	ng/ul	99
80) Fluoranthene	19.52	202	249946	10.894	ng/ul	99
82) Pyrene	19.89	202	248730	11.005	ng/ul	99
83) Butylbenzylphthalate	20.77	149	83713	10.566	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.65	252	82459	11.135	ng/ul#	97
85) Benzo(a)anthracene	21.74	228	239070	10.254	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.64	149	120419	10.508	ng/ul	98
87) Chrysene	21.80	228	229118	10.323	ng/ul	98
89) Di-n-octyl phthalate	22.87	149	205084	10.743	ng/ul	100
90) Benzo(b)fluoranthene	23.99	252	234868	9.792	ng/ul	97
91) Benzo(k)fluoranthene	24.05	252	228485	9.968	ng/ul	98
93) Benzo(a)pyrene	24.87	252	214170	10.014	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.76	276	262872m	9.942	ng/ul	
95) Dibenzo(a,h)anthracene	28.83	278	219200	10.049	ng/ul	98
96) Benzo(g,h,i)perylene	29.93	276	216401	9.888	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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