Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021321\
Data File : BG048155.D
Acq On : 12 Feb 2021 19:28
Operator : CG/JU
Sample : SSTD08030
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD08030

Manual Integrations APPROVED
mohammad
2/15/2021 11:32:17 AM

Quant Time: Feb 12 23:08:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 12 22:47:29 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	49488	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	198142	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	143182	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	358386	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	362431	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	370861	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	38399	41.32	ng/uL	-0.01
5) Phenol-d5	7.25	99	345806	81.65	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.42	67	197975	90.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	243055	75.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	268724	79.93	ng/ul	0.01
19) Nitrobenzene-d5	9.26	128	118023	73.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	151866	77.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	292009	69.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	283636	73.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	835856	67.21	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	1019442	71.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	153554	83.25	ng/ul	0.02
58) Fluorene-d10	15.72	176	750069	65.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	187968	77.48	ng/ul	0.01
71) Anthracene-d10	17.57	188	1162524	65.03	ng/ul	0.00
79) Pyrene-d10	19.85	212	1377643	64.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	1528575	70.57	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	40724	42.491	ng/uL	92
4) Benzaldehyde	7.24	77	172011	76.532	ng/ul	96
6) Phenol	7.28	94	353162	88.259	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.52	93	255089	91.620	ng/ul	90
10) 2-Chlorophenol	7.66	128	246952	78.091	ng/ul	93
11) 2-Methylphenol	8.53	108	260197	81.805	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.63	45	334411	128.244	ng/ul	95
14) Acetophenone	8.93	105	421722	79.516	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.92	70	240327	81.995	ng/ul#	92
16) 4-Methylphenol	8.88	108	272552	80.218	ng/ul	94
17) Hexachloroethane	9.19	117	107203	69.339	ng/ul	96
20) Nitrobenzene	9.31	77	358962	70.215	ng/ul	97
21) Isophorone	9.84	82	635120	72.299	ng/ul	97
23) 2-Nitrophenol	10.02	139	148834	74.736	ng/ul	92
24) 2,4-Dimethylphenol	10.07	107	322913	67.703	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.31	93	359063	89.234	ng/ul	97
27) 2,4-Dichlorophenol	10.56	162	275265	76.976	ng/ul	95
28) Naphthalene	10.97	128	776251	70.254	ng/ul	100
30) 4-Chloroaniline	11.07	127	289185	80.592	ng/ul	91
31) Hexachlorobutadiene	11.25	225	225664	57.789	ng/ul	96
32) Caprolactam	11.85	113	96886m	80.424	ng/ul	
33) 4-Chloro-3-methylphenol	12.18	107	305114	70.082	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	590458	69.363	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	567725	57.524 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	410900	72.213 ng/ul	96
38) Hexachlorocyclopentadiene	12.91	237	287670	72.405 ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	277317	74.638 ng/ul	97
40) 2,4,5-Trichlorophenol	13.23	196	297216	77.338 ng/ul	96
41) 1,1'-Biphenyl	13.56	154	772273	71.651 ng/ul	96
42) 2-Chloronaphthalene	13.61	162	648248	74.283 ng/ul	99
43) 2-Nitroaniline	13.80	65	241619	77.480 ng/ul	96
45) Dimethylphthalate	14.17	163	842299	66.857 ng/ul#	97
46) 2,6-Dinitrotoluene	14.30	165	192413	71.393 ng/ul	97
48) Acenaphthylene	14.45	152	904722	68.661 ng/ul	99
49) 3-Nitroaniline	14.63	138	151223	82.238 ng/ul	95
50) Acenaphthene	14.79	153	683785	73.420 ng/ul	94
51) 2,4-Dinitrophenol	14.83	184	136758	87.893 ng/ul#	91
53) 4-Nitrophenol	14.93	109	171280	56.420 ng/ul	90
54) Dibenzofuran	15.13	168	970165	71.395 ng/ul	97
55) 2,4-Dinitrotoluene	15.09	165	269671	70.914 ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.35	232	288220	80.169 ng/ul#	94
57) Diethylphthalate	15.54	149	867287	70.530 ng/ul	99
59) Fluorene	15.77	166	789069	67.913 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.76	204	484518	66.726 ng/ul	97
61) 4-Nitroaniline	15.80	138	164060	79.970 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	186085	76.077 ng/ul	97
65) N-Nitrosodiphenylamine	15.97	169	724693	73.359 ng/ul	99
66) 4-Bromophenyl-phenylether	16.65	248	341694	73.932 ng/ul	98
67) Hexachlorobenzene	16.78	284	355026	70.435 ng/ul	95
68) Atrazine	16.92	200	332818	72.717 ng/ul	93
69) Pentachlorophenol	17.12	266	223050	102.347 ng/ul#	89
70) Phenanthrene	17.51	178	1364072	70.225 ng/ul	94
72) Anthracene	17.61	178	1349412	69.693 ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	443181	78.917 ng/uL	93
74) Pentachlorobenzene	15.04	250	421878	75.360 ng/uL	96
75) Carbazole	17.87	167	1204652	78.017 ng/ul	93
76) Di-n-butylphthalate	18.42	149	1397096	70.829 ng/ul	99
77) Fluoranthene	19.52	202	1702626	68.888 ng/ul#	97
80) Pyrene	19.88	202	1631277	61.886 ng/ul#	96
81) Butylbenzylphthalate	20.76	149	654676	74.646 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.63	252	600009	72.442 ng/ul#	98
83) Benzo(a)anthracene	21.72	228	1726386	66.673 ng/ul	92
84) Bis(2-ethylhexyl)phthalate	21.62	149	931562	75.681 ng/ul	95
85) Chrysene	21.79	228	1665076	68.134 ng/ul	94
87) Di-n-octyl phthalate	22.85	149	1568204	80.236 ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	1826177	70.539 ng/ul#	93
89) Benzo(k)fluoranthene	24.05	252	1774113	69.149 ng/ul	97
91) Benzo(a)pyrene	24.86	252	1623233	69.530 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.75	276	2140870	75.197 ng/ul	98
93) Dibenzo(a,h)anthracene	28.81	278	1768857	74.123 ng/ul#	97
94) Benzo(g,h,i)perylene	29.92	276	1767444	75.615 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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