Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048286.D
Acq On : 23 Feb 2021 3:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02047

Manual Integrations APPROVED
mohammad
2/23/2021 4:04:44 PM

Quant Time: Feb 23 12:42:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 11:08:29 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	35292	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	138749	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	98552	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	241923	20.00	ng/ul	0.00
78) Chrysene-d12	21.78	240	253517	20.00	ng/ul	0.00
86) Perylene-d12	25.09	264	234205	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	5810	6.85	ng/uL	0.00
5) Phenol-d5	7.34	99	63337	21.30	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.44	67	36129	20.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	44459	21.30	ng/ul	0.01
13) 4-Methylphenol-d8	8.87	113	49100	21.05	ng/ul	0.02
19) Nitrobenzene-d5	9.30	128	21173	20.43	ng/ul	0.01
22) 2-Nitrophenol-d4	10.02	143	27634	22.04	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.58	165	54079	22.02	ng/ul	0.01
29) 4-Chloroaniline-d4	11.09	131	61648	25.41	ng/ul	0.01
44) Dimethylphthalate-d6	14.15	166	149467	20.47	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	187354	21.00	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	32486	26.19	ng/ul	0.04
58) Fluorene-d10	15.74	176	139408	21.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	28830	19.44	ng/ul	0.00
71) Anthracene-d10	17.59	188	228464	22.03	ng/ul	0.00
79) Pyrene-d10	19.87	212	255655	20.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.86	264	262949	22.01	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	6596	6.785	ng/uL#	92
4) Benzaldehyde	7.26	77	43549	24.911	ng/ul	99
6) Phenol	7.36	94	67482	21.981	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.54	93	46999	20.271	ng/ul#	84
10) 2-Chlorophenol	7.71	128	45581	20.642	ng/ul	98
11) 2-Methylphenol	8.60	108	47559	21.411	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.64	45	61602	20.328	ng/ul	98
14) Acetophenone	8.95	105	82058m	21.600	ng/ul	
15) N-Nitroso-di-n-propylamine	8.93	70	43201	20.479	ng/ul	94
16) 4-Methylphenol	8.94	108	51331	21.415	ng/ul	96
17) Hexachloroethane	9.20	117	18612	18.870	ng/ul	94
20) Nitrobenzene	9.34	77	71221	22.561	ng/ul	93
21) Isophorone	9.86	82	103406	18.541	ng/ul	98
23) 2-Nitrophenol	10.05	139	28596	22.370	ng/ul	96
24) 2,4-Dimethylphenol	10.13	107	61144	21.614	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.33	93	65057	20.693	ng/ul	98
27) 2,4-Dichlorophenol	10.61	162	51525	21.937	ng/ul	93
28) Naphthalene	10.98	128	149971	21.429	ng/ul	97
30) 4-Chloroaniline	11.11	127	61476	24.701	ng/ul#	89
31) Hexachlorobutadiene	11.25	225	40980	20.005	ng/ul	97
32) Caprolactam	11.88	113	16465	20.088	ng/ul	97
33) 4-Chloro-3-methylphenol	12.27	107	54936	21.126	ng/ul	97
34) 2-Methylnaphthalene	12.58	142	111268	20.917	ng/ul	100

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35) 1-Methylnaphthalene	12.80	142	106041	20.608	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.95	216	77299	21.804	ng/ul	97
38) Hexachlorocyclopentadiene	12.91	237	38848	16.997	ng/ul	93
39) 2,4,6-Trichlorophenol	13.21	196	50333	23.056	ng/ul#	95
40) 2,4,5-Trichlorophenol	13.30	196	53165	23.964	ng/ul	98
41) 1,1'-Biphenyl	13.58	154	146091	21.609	ng/ul	97
42) 2-Chloronaphthalene	13.63	162	124178	22.293	ng/ul	98
43) 2-Nitroaniline	13.86	65	45648	23.696	ng/ul	96
45) Dimethylphthalate	14.20	163	156944	20.797	ng/ul	99
46) 2,6-Dinitrotoluene	14.34	165	34443	21.702	ng/ul	96
48) Acenaphthylene	14.47	152	173916	21.791	ng/ul	99
49) 3-Nitroaniline	14.69	138	33717	25.205	ng/ul#	96
50) Acenaphthene	14.81	153	128491	21.451	ng/ul	91
51) 2,4-Dinitrophenol	14.89	184	20817	21.003	ng/ul	99
53) 4-Nitrophenol	15.06	109	31858	22.750	ng/ul#	79
54) Dibenzofuran	15.14	168	190387	21.779	ng/ul	97
55) 2,4-Dinitrotoluene	15.13	165	51186	22.453	ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.40	232	47341	20.873	ng/ul	93
57) Diethylphthalate	15.55	149	154312	19.809	ng/ul	99
59) Fluorene	15.80	166	148113	20.957	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.78	204	92821	21.893	ng/ul	98
61) 4-Nitroaniline	15.85	138	33317	22.124	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.90	198	29196	19.753	ng/ul	100
65) N-Nitrosodiphenylamine	16.00	169	139874	22.527	ng/ul	97
66) 4-Bromophenyl-phenylether	16.67	248	61899	21.647	ng/ul	98
67) Hexachlorobenzene	16.80	284	63024	20.793	ng/ul	98
68) Atrazine	16.95	200	52125	18.773	ng/ul	95
69) Pentachlorophenol	17.17	266	30662	18.117	ng/ul#	88
70) Phenanthrene	17.54	178	261774	21.536	ng/ul	98
72) Anthracene	17.63	178	263959	21.528	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.55	216	82215	22.744	ng/uL	99
74) Pentachlorobenzene	15.06	250	78135	22.045	ng/uL	95
75) Carbazole	17.92	167	234872	22.905	ng/ul	97
76) Di-n-butylphthalate	18.44	149	256889	20.538	ng/ul	98
77) Fluoranthene	19.54	202	332005	22.402	ng/ul	99
80) Pyrene	19.90	202	327241	20.776	ng/ul	99
81) Butylbenzylphthalate	20.77	149	113555	20.603	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.68	252	110121	21.230	ng/ul	100
83) Benzo(a)anthracene	21.76	228	343095	21.662	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	144858	18.101	ng/ul	99
85) Chrysene	21.82	228	326675	21.582	ng/ul	98
87) Di-n-octyl phthalate	22.86	149	258134	21.464	ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	322345	21.918	ng/ul	97
89) Benzo(k)fluoranthene	24.10	252	325057	22.567	ng/ul	97
91) Benzo(a)pyrene	24.93	252	283993	21.946	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.86	276	339492	20.508	ng/ul	99
93) Dibenzo(a,h)anthracene	28.92	278	291698	21.071	ng/ul#	97
94) Benzo(g,h,i)perylene	30.04	276	271307m	19.708	ng/ul	

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

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