Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048260.D
Acq On : 21 Feb 2021 7:34
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02044

Manual Integrations APPROVED
mohammad
2/22/2021 2:09:30 PM

Quant Time: Feb 21 08:18:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Feb 21 08:03:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	41009	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	159358	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	116900	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	292421	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	299679	20.00	ng/ul	0.00
86) Perylene-d12	25.06	264	299200	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	7520	7.64	ng/uL	0.00
5) Phenol-d5	7.31	99	74016	21.42	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.44	67	43527	21.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	52954	21.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	59381	21.91	ng/ul	0.02
19) Nitrobenzene-d5	9.29	128	24722	20.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	32145	22.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	62267	22.08	ng/ul	0.02
29) 4-Chloroaniline-d4	11.08	131	69989	25.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	180814	20.88	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	225801	21.33	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	26553	18.05	ng/ul	0.03
58) Fluorene-d10	15.73	176	162183	21.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.87	200	37094	20.69	ng/ul	0.02
71) Anthracene-d10	17.59	188	265569	21.18	ng/ul	0.00
79) Pyrene-d10	19.87	212	311266	20.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.83	264	320275	20.98	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	8582	7.597	ng/uL#	83
4) Benzaldehyde	7.25	77	53601	26.387	ng/ul	95
6) Phenol	7.34	94	77787	21.805	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.53	93	55614	20.642	ng/ul#	80
10) 2-Chlorophenol	7.69	128	55009	21.439	ng/ul#	91
11) 2-Methylphenol	8.59	108	55351	21.445	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.65	45	77513m	22.012	ng/ul	
14) Acetophenone	8.94	105	92900	21.045	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.92	70	53998	22.028	ng/ul	98
16) 4-Methylphenol	8.92	108	58683	21.070	ng/ul	89
17) Hexachloroethane	9.20	117	23774	20.743	ng/ul	96
20) Nitrobenzene	9.33	77	81684	22.529	ng/ul#	96
21) Isophorone	9.85	82	132592	20.699	ng/ul	95
23) 2-Nitrophenol	10.04	139	33110	22.551	ng/ul	94
24) 2,4-Dimethylphenol	10.12	107	72546	22.328	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.33	93	73906	20.467	ng/ul	96
27) 2,4-Dichlorophenol	10.60	162	59766	22.155	ng/ul#	89
28) Naphthalene	10.98	128	175511	21.835	ng/ul	99
30) 4-Chloroaniline	11.10	127	72656	25.418	ng/ul	99
31) Hexachlorobutadiene	11.25	225	49583	21.074	ng/ul	92
32) Caprolactam	11.88	113	20776	22.070	ng/ul	81
33) 4-Chloro-3-methylphenol	12.24	107	67081	22.460	ng/ul#	93
34) 2-Methylnaphthalene	12.58	142	129361	21.173	ng/ul	97

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35) 1-Methylnaphthalene	12.79	142	122491	20.726	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	89362	21.250	ng/ul	95
38) Hexachlorocyclopentadiene	12.91	237	45004	16.599	ng/ul	94
39) 2,4,6-Trichlorophenol	13.19	196	58344	22.531	ng/ul	98
40) 2,4,5-Trichlorophenol	13.28	196	63370	24.081	ng/ul	90
41) 1,1'-Biphenyl	13.58	154	170368	21.245	ng/ul	96
42) 2-Chloronaphthalene	13.62	162	142234	21.526	ng/ul	98
43) 2-Nitroaniline	13.84	65	55131	24.127	ng/ul	96
45) Dimethylphthalate	14.19	163	190874	21.324	ng/ul	99
46) 2,6-Dinitrotoluene	14.32	165	40704	21.621	ng/ul	99
48) Acenaphthylene	14.47	152	203724	21.520	ng/ul	98
49) 3-Nitroaniline	14.66	138	39937	25.169	ng/ul	84
50) Acenaphthene	14.80	153	150509	21.183	ng/ul	96
51) 2,4-Dinitrophenol	14.88	184	22713	19.319	ng/ul	90
53) 4-Nitrophenol	15.02	109	33037	19.889	ng/ul	92
54) Dibenzofuran	15.14	168	216863	20.914	ng/ul	97
55) 2,4-Dinitrotoluene	15.12	165	59440	21.982	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	15.38	232	55389	20.589	ng/ul#	95
57) Diethylphthalate	15.54	149	193990	20.994	ng/ul	98
59) Fluorene	15.79	166	173843	20.737	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.77	204	107379	21.351	ng/ul	96
61) 4-Nitroaniline	15.83	138	43828m	24.536	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.88	198	36443	20.398	ng/ul#	98
65) N-Nitrosodiphenylamine	16.00	169	163176	21.742	ng/ul	97
66) 4-Bromophenyl-phenylether	16.67	248	73524	21.272	ng/ul	94
67) Hexachlorobenzene	16.79	284	75553	20.622	ng/ul	94
68) Atrazine	16.94	200	72179	21.507	ng/ul	94
69) Pentachlorophenol	17.15	266	36640	17.910	ng/ul	97
70) Phenanthrene	17.53	178	312205	21.250	ng/ul	98
72) Anthracene	17.62	178	321464	21.691	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.55	216	92730	21.223	ng/uL	96
74) Pentachlorobenzene	15.06	250	89896	20.983	ng/uL	95
75) Carbazole	17.91	167	279799	22.575	ng/ul	98
76) Di-n-butylphthalate	18.43	149	330076	21.832	ng/ul	98
77) Fluoranthene	19.53	202	396660	22.143	ng/ul	99
80) Pyrene	19.90	202	396482	21.295	ng/ul	98
81) Butylbenzylphthalate	20.77	149	143003	21.949	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.66	252	142798	23.290	ng/ul	100
83) Benzo(a)anthracene	21.75	228	403721	21.563	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	197532	20.881	ng/ul	98
85) Chrysene	21.81	228	395422	22.099	ng/ul	99
87) Di-n-octyl phthalate	22.85	149	347033	22.587	ng/ul	100
88) Benzo(b)fluoranthene	24.01	252	400253	21.303	ng/ul	97
89) Benzo(k)fluoranthene	24.08	252	394780	21.454	ng/ul	95
91) Benzo(a)pyrene	24.90	252	358133	21.664	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.83	276	448151	21.191	ng/ul	98
93) Dibenzo(a,h)anthracene	28.88	278	377211	21.329	ng/ul#	96
94) Benzo(g,h,i)perylene	30.01	276	357665	20.337	ng/ul	99

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

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