Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046889.D
Acq On : 14 Oct 2020 12:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02026

Manual Integrations APPROVED
mohammad
10/15/2020 8:19:56 AM

Quant Time: Oct 14 13:07:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 14 13:03:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56254	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	229314	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	169728	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	431280	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	480607	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	496359	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	8528	7.44	ng/uL	0.00
5) Phenol-d5	7.24	99	89755	18.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	52609	17.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	65487	18.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	70651	18.76	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	34449	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	37603	21.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	77732	18.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	85406	17.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	249831	19.26	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	284346	18.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	46533	21.05	ng/ul	0.00
58) Fluorene-d10	15.71	176	229688	19.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	48812	22.65	ng/ul	0.00
71) Anthracene-d10	17.56	188	375164	18.96	ng/ul	0.00
79) Pyrene-d10	19.84	212	479404	19.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	478547	17.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	10973	7.469	ng/uL#	88
4) Benzaldehyde	7.23	77	57329	16.883	ng/ul	96
6) Phenol	7.27	94	94444	18.726	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.51	93	72752	18.731	ng/ul	91
10) 2-Chlorophenol	7.66	128	70084	19.558	ng/ul	97
11) 2-Methylphenol	8.53	108	70364	18.924	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.62	45	105692	17.295	ng/ul	98
14) Acetophenone	8.91	105	119380	19.558	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.90	70	61670	18.704	ng/ul	90
16) 4-Methylphenol	8.85	108	75849	19.124	ng/ul	95
17) Hexachloroethane	9.18	117	30697	18.444	ng/ul	93
20) Nitrobenzene	9.30	77	92148	18.821	ng/ul	92
21) Isophorone	9.82	82	173410	17.756	ng/ul	99
23) 2-Nitrophenol	10.01	139	43007	22.633	ng/ul	88
24) 2,4-Dimethylphenol	10.06	107	88763	18.647	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.30	93	100987	17.752	ng/ul	94
27) 2,4-Dichlorophenol	10.55	162	77055	19.289	ng/ul	93
28) Naphthalene	10.96	128	233673	18.405	ng/ul	98
30) 4-Chloroaniline	11.06	127	85067	17.916	ng/ul	90
31) Hexachlorobutadiene	11.25	225	64592	18.816	ng/ul	96
32) Caprolactam	11.81	113	26831m	19.467	ng/ul	
33) 4-Chloro-3-methylphenol	12.17	107	81362	18.636	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	173150	18.656	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.77	142	169700	18.866 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	113921	18.334 ng/ul	95
38) Hexachlorocyclopentadiene	12.90	237	71231	17.727 ng/ul#	100
39) 2,4,6-Trichlorophenol	13.16	196	71153	19.349 ng/ul	92
40) 2,4,5-Trichlorophenol	13.23	196	76636	19.638 ng/ul	95
41) 1,1'-Biphenyl	13.55	154	236540	18.117 ng/ul	97
42) 2-Chloronaphthalene	13.60	162	188984	18.071 ng/ul	96
43) 2-Nitroaniline	13.80	65	58386	21.078 ng/ul	99
45) Dimethylphthalate	14.17	163	258226	19.674 ng/ul	98
46) 2,6-Dinitrotoluene	14.29	165	53102	22.862 ng/ul	93
48) Acenaphthylene	14.44	152	284159	18.729 ng/ul	99
49) 3-Nitroaniline	14.61	138	40521	17.516 ng/ul	88
50) Acenaphthene	14.78	153	200555	18.575 ng/ul	95
51) 2,4-Dinitrophenol	14.82	184	31127	22.314 ng/ul	93
53) 4-Nitrophenol	14.91	109	45929	20.968 ng/ul	90
54) Dibenzofuran	15.12	168	301422	19.000 ng/ul	99
55) 2,4-Dinitrotoluene	15.07	165	79395	24.707 ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.34	232	75652	20.806 ng/ul#	99
57) Diethylphthalate	15.53	149	263512	20.092 ng/ul	98
59) Fluorene	15.76	166	249640	19.379 ng/ul	94
60) 4-Chlorophenyl-phenylether	15.76	204	139971	18.876 ng/ul	97
61) 4-Nitroaniline	15.78	138	44147	17.356 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.83	198	51600	21.808 ng/ul#	92
65) N-Nitrosodiphenylamine	15.96	169	223956	18.040 ng/ul	99
66) 4-Bromophenyl-phenylether	16.65	248	97560	18.116 ng/ul	94
67) Hexachlorobenzene	16.77	284	106952	23.039 ng/ul	96
68) Atrazine	16.91	200	101209	19.680 ng/ul	100
69) Pentachlorophenol	17.11	266	63227	18.630 ng/ul	97
70) Phenanthrene	17.51	178	438015	18.578 ng/ul	99
72) Anthracene	17.60	178	455737	19.079 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	113279	17.022 ng/uL	99
74) Pentachlorobenzene	15.04	250	120477	17.817 ng/uL	93
75) Carbazole	17.86	167	378987	19.905 ng/ul	98
76) Di-n-butylphthalate	18.42	149	479417	20.302 ng/ul	99
77) Fluoranthene	19.51	202	597368	21.337 ng/ul	99
80) Pyrene	19.88	202	589218	19.074 ng/ul	97
81) Butylbenzylphthalate	20.75	149	219580	20.395 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.63	252	187597	16.690 ng/ul	97
83) Benzo(a)anthracene	21.72	228	594973	18.920 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	309317	19.320 ng/ul	99
85) Chrysene	21.79	228	582338	19.090 ng/ul	100
87) Di-n-octyl phthalate	22.85	149	512857	18.918 ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	592629m	18.098 ng/ul	
89) Benzo(k)fluoranthene	24.03	252	567871	17.792 ng/ul	97
91) Benzo(a)pyrene	24.85	252	528521	17.671 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.71	276	646356m	17.614 ng/ul	
93) Dibenzo(a,h)anthracene	28.79	278	533068	17.532 ng/ul	98
94) Benzo(g,h,i)perylene	29.88	276	543622	17.682 ng/ul	95

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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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