Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046964.D
Acq On : 18 Oct 2020 7:06
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Manual Integrations APPROVED
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10/19/2020 1:26:16 PM

Quant Time: Oct 19 04:59:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 02:31:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	59832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	250636	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	196489	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	497479	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	481717	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	481759	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	9355	6.94	ng/uL	0.00
5) Phenol-d5	7.22	99	108085	20.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	63082	20.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	83215	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	92206	21.88	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	42623	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	50193	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	103065	21.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	110709	20.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	340051	20.83	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	383619	20.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	60164	21.38	ng/ul	0.00
58) Fluorene-d10	15.69	176	309666	20.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	67111	19.59	ng/ul	0.00
71) Anthracene-d10	17.54	188	495109	20.55	ng/ul	0.00
79) Pyrene-d10	19.82	212	594380	22.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	570196	21.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	10901	6.782	ng/uL	91
4) Benzaldehyde	7.20	77	58523	19.058	ng/ul	92
6) Phenol	7.25	94	114431	20.695	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.48	93	88412	21.099	ng/ul	97
10) 2-Chlorophenol	7.63	128	84685	21.301	ng/ul	96
11) 2-Methylphenol	8.50	108	86252	20.938	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.60	45	130813	21.825	ng/ul	98
14) Acetophenone	8.89	105	138189	20.439	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.87	70	74579	21.033	ng/ul	95
16) 4-Methylphenol	8.83	108	92320	21.115	ng/ul	98
17) Hexachloroethane	9.16	117	37679	20.801	ng/ul	96
20) Nitrobenzene	9.27	77	120829	21.021	ng/ul	97
21) Isophorone	9.80	82	221123	20.906	ng/ul	100
23) 2-Nitrophenol	9.98	139	52617	20.663	ng/ul	96
24) 2,4-Dimethylphenol	10.04	107	111525	20.761	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.28	93	124546	20.649	ng/ul	98
27) 2,4-Dichlorophenol	10.52	162	99167	20.916	ng/ul	99
28) Naphthalene	10.93	128	290242	20.069	ng/ul	98
30) 4-Chloroaniline	11.03	127	111380	21.239	ng/ul	98
31) Hexachlorobutadiene	11.21	225	81115	20.079	ng/ul	93
32) Caprolactam	11.79	113	36682m	22.861	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	111095	22.395	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	226345	21.287	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	222293	21.196 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	151316	19.747 ng/ul	96
38) Hexachlorocyclopentadiene	12.87	237	91294	17.941 ng/ul#	97
39) 2,4,6-Trichlorophenol	13.13	196	98844	20.960 ng/ul	94
40) 2,4,5-Trichlorophenol	13.20	196	105712	21.234 ng/ul	97
41) 1,1'-Biphenyl	13.53	154	312488	19.716 ng/ul	98
42) 2-Chloronaphthalene	13.57	162	255239	20.100 ng/ul	99
43) 2-Nitroaniline	13.77	65	84124	22.082 ng/ul	98
45) Dimethylphthalate	14.14	163	351769	20.788 ng/ul	100
46) 2,6-Dinitrotoluene	14.26	165	76366	22.078 ng/ul	97
48) Acenaphthylene	14.42	152	381421	20.282 ng/ul	99
49) 3-Nitroaniline	14.59	138	56438	19.684 ng/ul	96
50) Acenaphthene	14.76	153	267599	20.292 ng/ul	98
51) 2,4-Dinitrophenol	14.80	184	43867	20.091 ng/ul	97
53) 4-Nitrophenol	14.90	109	60138	20.368 ng/ul	87
54) Dibenzofuran	15.10	168	399780	20.400 ng/ul	99
55) 2,4-Dinitrotoluene	15.05	165	108299	21.813 ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.32	232	111112	22.532 ng/ul#	96
57) Diethylphthalate	15.51	149	359779	21.316 ng/ul	98
59) Fluorene	15.74	166	333976	20.768 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.73	204	190761	20.354 ng/ul	97
61) 4-Nitroaniline	15.76	138	61273	19.155 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.81	198	73296	19.893 ng/ul	95
65) N-Nitrosodiphenylamine	15.94	169	302401	20.715 ng/ul	96
66) 4-Bromophenyl-phenylether	16.63	248	140110	21.114 ng/ul	97
67) Hexachlorobenzene	16.75	284	152728	22.096 ng/ul	94
68) Atrazine	16.89	200	136031	21.095 ng/ul	89
69) Pentachlorophenol	17.09	266	87540	20.406 ng/ul	95
70) Phenanthrene	17.48	178	585869	20.581 ng/ul	98
72) Anthracene	17.58	178	586301	20.391 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	152642	19.305 ng/uL	98
74) Pentachlorobenzene	15.01	250	161387	19.891 ng/uL	99
75) Carbazole	17.84	167	485922	21.045 ng/ul	99
76) Di-n-butylphthalate	18.40	149	622628	20.607 ng/ul	100
77) Fluoranthene	19.49	202	746300	21.470 ng/ul	99
80) Pyrene	19.85	202	725332	22.249 ng/ul	99
81) Butylbenzylphthalate	20.73	149	265547	22.383 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.60	252	223571	19.841 ng/ul	98
83) Benzo(a)anthracene	21.69	228	710083	21.357 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	368739	21.767 ng/ul	97
85) Chrysene	21.75	228	679676	21.188 ng/ul	97
87) Di-n-octyl phthalate	22.81	149	626947	22.642 ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	707634	21.175 ng/ul	99
89) Benzo(k)fluoranthene	23.99	252	692575	21.491 ng/ul	99
91) Benzo(a)pyrene	24.80	252	639237	21.277 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.64	276	781984	21.246 ng/ul	97
93) Dibenzo(a,h)anthracene	28.70	278	657473	21.541 ng/ul	100
94) Benzo(g,h,i)perylene	29.80	276	651328	21.082 ng/ul	98

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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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