Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046950.D
Acq On : 17 Oct 2020 20:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02035

Manual Integrations APPROVED
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Quant Time: Oct 19 02:30:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:57:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	63838	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	259985	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	195810	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	489098m	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	467993	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	464596	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	9488	6.60	ng/uL	0.00
5) Phenol-d5	7.22	99	113315	20.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	66437	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	86601	20.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	95273	21.18	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	45567	20.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	54009	21.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	109077	22.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	114741	20.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	346237	21.29	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	389137	20.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	59888	21.36	ng/ul	0.00
58) Fluorene-d10	15.69	176	312599	20.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	69140m	20.53	ng/ul	0.00
71) Anthracene-d10	17.54	188	485457	20.49	ng/ul	0.00
79) Pyrene-d10	19.83	212	579748	22.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	550484	21.04	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	12900	7.523	ng/uL#	92
4) Benzaldehyde	7.21	77	60734	18.537	ng/ul	90
6) Phenol	7.25	94	119047	20.179	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.48	93	90552	20.253	ng/ul	97
10) 2-Chlorophenol	7.63	128	89789	21.167	ng/ul	94
11) 2-Methylphenol	8.50	108	91124	20.733	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.60	45	137143	21.446	ng/ul	99
14) Acetophenone	8.89	105	150915	20.921	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.87	70	77545	20.497	ng/ul	96
16) 4-Methylphenol	8.83	108	96646	20.717	ng/ul	93
17) Hexachloroethane	9.16	117	40939	21.182	ng/ul	94
20) Nitrobenzene	9.27	77	124422	20.868	ng/ul	95
21) Isophorone	9.80	82	230374	20.997	ng/ul	99
23) 2-Nitrophenol	9.99	139	56663	21.452	ng/ul	95
24) 2,4-Dimethylphenol	10.04	107	116332	20.877	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.28	93	130070	20.789	ng/ul	99
27) 2,4-Dichlorophenol	10.53	162	103659	21.077	ng/ul	97
28) Naphthalene	10.93	128	303652	20.241	ng/ul	99
30) 4-Chloroaniline	11.04	127	111714	20.537	ng/ul	99
31) Hexachlorobutadiene	11.22	225	81687	19.493	ng/ul	96
32) Caprolactam	11.79	113	37286m	22.402	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	112386	21.841	ng/ul	96
34) 2-Methylnaphthalene	12.53	142	231834	21.019	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	223734	20.566 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	156328	20.472 ng/ul	95
38) Hexachlorocyclopentadiene	12.88	237	94179	18.572 ng/ul#	93
39) 2,4,6-Trichlorophenol	13.13	196	100789	21.446 ng/ul	93
40) 2,4,5-Trichlorophenol	13.20	196	107403	21.648 ng/ul	97
41) 1,1'-Biphenyl	13.53	154	320776	20.309 ng/ul	99
42) 2-Chloronaphthalene	13.57	162	255252	20.171 ng/ul	97
43) 2-Nitroaniline	13.77	65	83224	21.922 ng/ul	94
45) Dimethylphthalate	14.14	163	355254	21.067 ng/ul	99
46) 2,6-Dinitrotoluene	14.27	165	76364	22.154 ng/ul	92
48) Acenaphthylene	14.42	152	380316	20.293 ng/ul	99
49) 3-Nitroaniline	14.59	138	57883	20.258 ng/ul	91
50) Acenaphthene	14.76	153	271689	20.674 ng/ul	98
51) 2,4-Dinitrophenol	14.80	184	44409	20.410 ng/ul	94
53) 4-Nitrophenol	14.90	109	62787	21.339 ng/ul	94
54) Dibenzofuran	15.10	168	401241	20.546 ng/ul	98
55) 2,4-Dinitrotoluene	15.06	165	110162	22.265 ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.32	232	111734	22.737 ng/ul#	97
57) Diethylphthalate	15.51	149	359456	21.370 ng/ul	98
59) Fluorene	15.74	166	332654	20.757 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.73	204	189549	20.295 ng/ul	97
61) 4-Nitroaniline	15.76	138	61100	19.167 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.82	198	76061	20.998 ng/ul	99
65) N-Nitrosodiphenylamine	15.95	169	306154	21.331 ng/ul	96
66) 4-Bromophenyl-phenylether	16.63	248	136311	20.893 ng/ul	96
67) Hexachlorobenzene	16.75	284	144850	21.316 ng/ul#	92
68) Atrazine	16.89	200	133954	21.129 ng/ul	92
69) Pentachlorophenol	17.09	266	88441	20.969 ng/ul	93
70) Phenanthrene	17.49	178	576247m	20.590 ng/ul	
72) Anthracene	17.58	178	581186	20.559 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	159017	20.456 ng/uL	93
74) Pentachlorobenzene	15.01	250	161038	20.188 ng/uL	99
75) Carbazole	17.85	167	486365	21.425 ng/ul	99
76) Di-n-butylphthalate	18.40	149	614858	20.699 ng/ul	100
77) Fluoranthene	19.49	202	728123	21.306 ng/ul	98
80) Pyrene	19.86	202	712460	22.495 ng/ul	99
81) Butylbenzylphthalate	20.73	149	257789	22.366 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.61	252	216893	19.812 ng/ul	95
83) Benzo(a)anthracene	21.69	228	692179	21.429 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	358759	21.799 ng/ul	97
85) Chrysene	21.76	228	660814	21.204 ng/ul	99
87) Di-n-octyl phthalate	22.81	149	614242	23.003 ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	688345	21.359 ng/ul	99
89) Benzo(k)fluoranthene	23.99	252	676757	21.776 ng/ul	98
91) Benzo(a)pyrene	24.80	252	621278	21.443 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.65	276	758050	21.357 ng/ul	99
93) Dibenzo(a,h)anthracene	28.72	278	634655	21.562 ng/ul	98
94) Benzo(g,h,i)perylene	29.81	276	635099	21.316 ng/ul	99

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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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