Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046936.D
Acq On : 17 Oct 2020 10:54
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02034

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Quant Time: Oct 17 13:28:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 17 13:26:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58008	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	242231	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	180309	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	444466	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	429409	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	419132	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	9081	6.95	ng/uL	0.00
5) Phenol-d5	7.22	99	109606	21.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	62359	21.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	81224	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	91019	22.27	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	41762	20.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	48753	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	99522	21.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	105989	20.01	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	316388	21.12	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	359252	21.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	52563	20.36	ng/ul	0.00
58) Fluorene-d10	15.69	176	289021	20.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	63299	20.68	ng/ul	0.00
71) Anthracene-d10	17.55	188	446142	20.72	ng/ul	0.00
79) Pyrene-d10	19.83	212	524289	22.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	491111	20.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	12122	7.779	ng/uL#	83
4) Benzaldehyde	7.20	77	58212	19.553	ng/ul	94
6) Phenol	7.25	94	109560	20.437	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.48	93	85763	21.110	ng/ul	93
10) 2-Chlorophenol	7.63	128	82924	21.513	ng/ul	99
11) 2-Methylphenol	8.51	108	85394	21.382	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.60	45	129053	22.209	ng/ul	98
14) Acetophenone	8.89	105	138255	21.092	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.87	70	77091	22.425	ng/ul	96
16) 4-Methylphenol	8.84	108	95685	22.572	ng/ul	99
17) Hexachloroethane	9.16	117	37690	21.461	ng/ul	92
20) Nitrobenzene	9.27	77	117409	21.135	ng/ul	98
21) Isophorone	9.80	82	217530	21.280	ng/ul	99
23) 2-Nitrophenol	9.99	139	52732	21.427	ng/ul	96
24) 2,4-Dimethylphenol	10.04	107	108169	20.835	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.28	93	123865	21.248	ng/ul	96
27) 2,4-Dichlorophenol	10.52	162	93812	20.473	ng/ul	91
28) Naphthalene	10.94	128	284630	20.364	ng/ul	98
30) 4-Chloroaniline	11.04	127	104451	20.609	ng/ul	95
31) Hexachlorobutadiene	11.22	225	78187	20.026	ng/ul	98
32) Caprolactam	11.79	113	35627m	22.974	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	104202	21.734	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	214782	20.900	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	208252	20.546	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	141394	20.108	ng/ul	99
38) Hexachlorocyclopentadiene	12.88	237	87094	18.652	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.13	196	91658	21.180	ng/ul	98
40) 2,4,5-Trichlorophenol	13.21	196	94034	20.583	ng/ul	97
41) 1,1'-Biphenyl	13.53	154	300918	20.690	ng/ul	100
42) 2-Chloronaphthalene	13.58	162	235244	20.188	ng/ul	97
43) 2-Nitroaniline	13.77	65	77935	22.294	ng/ul	98
45) Dimethylphthalate	14.15	163	325254	20.946	ng/ul	98
46) 2,6-Dinitrotoluene	14.27	165	69778	21.983	ng/ul	99
48) Acenaphthylene	14.43	152	350905	20.333	ng/ul	99
49) 3-Nitroaniline	14.60	138	51204	19.461	ng/ul	83
50) Acenaphthene	14.77	153	255265	21.094	ng/ul	98
51) 2,4-Dinitrophenol	14.80	184	38288	19.109	ng/ul	97
53) 4-Nitrophenol	14.90	109	53242	19.651	ng/ul	91
54) Dibenzofuran	15.10	168	375537	20.883	ng/ul	99
55) 2,4-Dinitrotoluene	15.05	165	99112	21.754	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.32	232	100796	22.274	ng/ul#	93
57) Diethylphthalate	15.51	149	334532	21.598	ng/ul	99
59) Fluorene	15.75	166	308969	20.937	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.74	204	172253	20.028	ng/ul	97
61) 4-Nitroaniline	15.76	138	54834	18.680	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.82	198	67546	20.519	ng/ul	95
65) N-Nitrosodiphenylamine	15.95	169	277184	21.252	ng/ul	93
66) 4-Bromophenyl-phenylether	16.63	248	124731	21.038	ng/ul	96
67) Hexachlorobenzene	16.75	284	132999	21.537	ng/ul	96
68) Atrazine	16.89	200	127224	22.082	ng/ul	90
69) Pentachlorophenol	17.09	266	73888	19.278	ng/ul	95
70) Phenanthrene	17.49	178	528152	20.767	ng/ul	98
72) Anthracene	17.58	178	541386	21.074	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	141128	19.977	ng/uL	95
74) Pentachlorobenzene	15.02	250	146985	20.277	ng/uL	96
75) Carbazole	17.84	167	453171	21.967	ng/ul	98
76) Di-n-butylphthalate	18.40	149	561341	20.795	ng/ul	100
77) Fluoranthene	19.50	202	660459	21.266	ng/ul	98
80) Pyrene	19.85	202	650073	22.370	ng/ul	99
81) Butylbenzylphthalate	20.74	149	231095	21.852	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.61	252	197116	19.624	ng/ul	97
83) Benzo(a)anthracene	21.70	228	621203	20.960	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	328971	21.785	ng/ul	97
85) Chrysene	21.76	228	601439	21.033	ng/ul	97
87) Di-n-octyl phthalate	22.82	149	545088	22.627	ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	610825	21.009	ng/ul	99
89) Benzo(k)fluoranthene	24.00	252	603150	21.512	ng/ul	98
91) Benzo(a)pyrene	24.81	252	552029	21.120	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.67	276	676074	21.113	ng/ul	99
93) Dibenzo(a,h)anthracene	28.74	278	564984	21.277	ng/ul	99
94) Benzo(g,h,i)perylene	29.84	276	561563	20.893	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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