Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047152.D
Acq On : 30 Oct 2020 13:31
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02041

Manual Integrations APPROVED
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11/2/2020 12:34:45 PM

Quant Time: Oct 30 13:31:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 16:49:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53674	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	235641	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	181395	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	445904	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	453883	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	460953	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	9794	7.36	ng/uL	0.00
5) Phenol-d5	7.20	99	95898	20.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	54598	20.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	73236	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	83108	22.36	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	37889	19.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	45763	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	90098	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	90474	23.57	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	282742	18.96	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	342055	19.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	47062	20.04	ng/ul	0.00
58) Fluorene-d10	15.68	176	270155	19.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	59274	19.27	ng/ul	0.00
71) Anthracene-d10	17.53	188	424853	19.66	ng/ul	0.00
79) Pyrene-d10	19.81	212	511685	19.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	506701	20.00	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	9782	6.856	ng/uL	88
4) Benzaldehyde	7.19	77	56965	18.432	ng/ul	98
6) Phenol	7.23	94	95882	21.091	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.47	93	76605	21.504	ng/ul	99
10) 2-Chlorophenol	7.62	128	74385	20.676	ng/ul	95
11) 2-Methylphenol	8.49	108	74771	21.446	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.58	45	112460	21.246	ng/ul	97
14) Acetophenone	8.88	105	126186	22.225	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.86	70	67159	21.861	ng/ul	98
16) 4-Methylphenol	8.81	108	80766	22.056	ng/ul	89
17) Hexachloroethane	9.14	117	31329	18.877	ng/ul	96
20) Nitrobenzene	9.26	77	102047	19.135	ng/ul	92
21) Isophorone	9.78	82	192483	20.040	ng/ul	99
23) 2-Nitrophenol	9.97	139	48133	20.342	ng/ul	98
24) 2,4-Dimethylphenol	10.02	107	94902	19.730	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.27	93	103823	19.156	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	85198	20.065	ng/ul	92
28) Naphthalene	10.92	128	255309	19.286	ng/ul	98
30) 4-Chloroaniline	11.02	127	85686	23.465	ng/ul	95
31) Hexachlorobutadiene	11.20	225	71910	19.303	ng/ul	91
32) Caprolactam	11.76	113	29165	20.161	ng/ul	88
33) 4-Chloro-3-methylphenol	12.13	107	92129	21.103	ng/ul	98
34) 2-Methylnaphthalene	12.52	142	194697	20.614	ng/ul	99

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35) 1-Methylnaphthalene	12.74	142	227424	20.550	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	132069	18.693	ng/ul	96
38) Hexachlorocyclopentadiene	12.87	237	76463	17.260	ng/ul	91
39) 2,4,6-Trichlorophenol	13.12	196	82125	19.063	ng/ul	97
40) 2,4,5-Trichlorophenol	13.19	196	86227	19.531	ng/ul	97
41) 1,1'-Biphenyl	13.52	154	269914	18.860	ng/ul	97
42) 2-Chloronaphthalene	13.56	162	218433	18.924	ng/ul	98
43) 2-Nitroaniline	13.76	65	68109	19.624	ng/ul	98
45) Dimethylphthalate	14.13	163	283957	18.971	ng/ul	99
46) 2,6-Dinitrotoluene	14.25	165	62388	19.257	ng/ul	95
48) Acenaphthylene	14.41	152	316578	19.178	ng/ul	99
49) 3-Nitroaniline	14.58	138	44948	21.237	ng/ul	97
50) Acenaphthene	14.75	153	231603	19.392	ng/ul	99
51) 2,4-Dinitrophenol	14.79	184	34966	20.877	ng/ul	97
53) 4-Nitrophenol	14.88	109	48400	20.160	ng/ul	98
54) Dibenzofuran	15.08	168	339919	19.557	ng/ul	98
55) 2,4-Dinitrotoluene	15.04	165	88639	19.918	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.31	232	89717	19.355	ng/ul	91
57) Diethylphthalate	15.49	149	295191	19.678	ng/ul	99
59) Fluorene	15.74	166	276280	19.366	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.72	204	162087	19.802	ng/ul	99
61) 4-Nitroaniline	15.75	138	51024	20.807	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.81	198	59800	18.863	ng/ul#	89
65) N-Nitrosodiphenylamine	15.93	169	247292	19.189	ng/ul	99
66) 4-Bromophenyl-phenylether	16.62	248	114688	19.390	ng/ul	94
67) Hexachlorobenzene	16.74	284	125836	20.100	ng/ul	97
68) Atrazine	16.88	200	111804	20.102	ng/ul	95
69) Pentachlorophenol	17.08	266	63584	17.810	ng/ul	95
70) Phenanthrene	17.47	178	486916	19.469	ng/ul	98
72) Anthracene	17.57	178	496548	19.757	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	136409	18.211	ng/uL	97
74) Pentachlorobenzene	15.01	250	140852	19.613	ng/uL	96
75) Carbazole	17.83	167	405619	21.009	ng/ul	98
76) Di-n-butylphthalate	18.38	149	514443	19.973	ng/ul	98
77) Fluoranthene	19.48	202	626692	20.820	ng/ul	99
80) Pyrene	19.84	202	617077	19.867	ng/ul	99
81) Butylbenzylphthalate	20.72	149	223019	19.548	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.59	252	185040	22.279	ng/ul	96
83) Benzo(a)anthracene	21.68	228	604438	19.658	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	317030	20.032	ng/ul	96
85) Chrysene	21.75	228	584777	19.768	ng/ul	97
87) Di-n-octyl phthalate	22.79	149	535490	20.752	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	622626	20.334	ng/ul	96
89) Benzo(k)fluoranthene	23.97	252	584820	19.710	ng/ul	99
91) Benzo(a)pyrene	24.78	252	546016	19.803	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.62	276	674356	19.680	ng/ul	99
93) Dibenzo(a,h)anthracene	28.68	278	547117	19.684	ng/ul	97
94) Benzo(g,h,i)perylene	29.78	276	560957m	19.587	ng/ul	

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

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