Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047057.D
Acq On : 23 Oct 2020 8:30
Operator : CG/JU
Sample : SSTDCCC020
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02034

Manual Integrations APPROVED
mohammad
10/26/2020 10:32:39 AM

Quant Time: Oct 23 09:15:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 23 04:22:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	70424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	280620	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	196949	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	462348	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	461451	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	480563	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	12834	7.35	ng/uL	0.00
5) Phenol-d5	7.21	99	120677	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	71181	20.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	92129	19.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	91397	18.74	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	45855	19.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	52405	19.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	106780	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	91043	19.91	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	306423	18.92	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	369056	19.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	48332	18.96	ng/ul	0.00
58) Fluorene-d10	15.68	176	289528	19.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	59761	18.74	ng/ul	0.00
71) Anthracene-d10	17.53	188	441561	19.70	ng/ul	0.00
79) Pyrene-d10	19.81	212	528437	20.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	515093	19.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	15596	8.331	ng/uL	89
4) Benzaldehyde	7.20	77	73231m	18.059	ng/ul	
6) Phenol	7.24	94	118201	19.817	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.47	93	94901	20.304	ng/ul	100
10) 2-Chlorophenol	7.63	128	91598	19.404	ng/ul	98
11) 2-Methylphenol	8.50	108	91837	20.076	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.58	45	138953	20.008	ng/ul#	94
14) Acetophenone	8.88	105	145257	19.499	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.87	70	76813	19.056	ng/ul	99
16) 4-Methylphenol	8.83	108	94243	19.615	ng/ul	85
17) Hexachloroethane	9.15	117	41476	19.047	ng/ul	96
20) Nitrobenzene	9.27	77	120928	19.041	ng/ul	97
21) Isophorone	9.79	82	217095	18.980	ng/ul	96
23) 2-Nitrophenol	9.98	139	55032	19.529	ng/ul	94
24) 2,4-Dimethylphenol	10.03	107	107475	18.762	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.27	93	123322	19.106	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	96419	19.068	ng/ul	92
28) Naphthalene	10.92	128	302119	19.164	ng/ul	98
30) 4-Chloroaniline	11.02	127	84059	19.330	ng/ul	98
31) Hexachlorobutadiene	11.21	225	87430	19.707	ng/ul	93
32) Caprolactam	11.78	113	31759m	18.435	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	101390	19.502	ng/ul	95
34) 2-Methylnaphthalene	12.52	142	218592	19.435	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	259124	19.661 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	149118	19.439 ng/ul#	95
38) Hexachlorocyclopentadiene	12.87	237	91198	18.960 ng/ul	96
39) 2,4,6-Trichlorophenol	13.12	196	92619	19.801 ng/ul	93
40) 2,4,5-Trichlorophenol	13.20	196	94389	19.691 ng/ul	98
41) 1,1'-Biphenyl	13.53	154	299058	19.246 ng/ul	98
42) 2-Chloronaphthalene	13.57	162	244946	19.545 ng/ul	99
43) 2-Nitroaniline	13.77	65	71251	18.908 ng/ul	95
45) Dimethylphthalate	14.14	163	309851	19.066 ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	64874	18.443 ng/ul#	94
48) Acenaphthylene	14.41	152	345647	19.285 ng/ul	99
49) 3-Nitroaniline	14.59	138	45892	19.970 ng/ul	97
50) Acenaphthene	14.75	153	250985	19.355 ng/ul	99
51) 2,4-Dinitrophenol	14.80	184	35804	19.689 ng/ul	96
53) 4-Nitrophenol	14.89	109	49454	18.972 ng/ul	93
54) Dibenzofuran	15.09	168	366507	19.422 ng/ul	97
55) 2,4-Dinitrotoluene	15.04	165	94957	19.653 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.31	232	98905	19.652 ng/ul#	93
57) Diethylphthalate	15.50	149	314560	19.313 ng/ul	99
59) Fluorene	15.74	166	294623	19.021 ng/ul	91
60) 4-Chlorophenyl-phenylether	15.72	204	173196	19.488 ng/ul	94
61) 4-Nitroaniline	15.75	138	50751	19.062 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.81	198	64283	19.556 ng/ul	94
65) N-Nitrosodiphenylamine	15.94	169	259865	19.447 ng/ul	96
66) 4-Bromophenyl-phenylether	16.62	248	123684	20.167 ng/ul	96
67) Hexachlorobenzene	16.74	284	131808	20.306 ng/ul	96
68) Atrazine	16.88	200	116173	20.145 ng/ul	97
69) Pentachlorophenol	17.08	266	73846	19.948 ng/ul	92
70) Phenanthrene	17.47	178	510585	19.690 ng/ul	99
72) Anthracene	17.57	178	515838	19.794 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	152913	19.688 ng/uL	98
74) Pentachlorobenzene	15.01	250	149252	20.043 ng/uL	98
75) Carbazole	17.83	167	412136	20.588 ng/ul	98
76) Di-n-butylphthalate	18.39	149	523720	19.610 ng/ul	99
77) Fluoranthene	19.48	202	647819	20.756 ng/ul	99
80) Pyrene	19.84	202	631378	19.994 ng/ul	100
81) Butylbenzylphthalate	20.72	149	228779	19.724 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.59	252	173615	20.561 ng/ul	96
83) Benzo(a)anthracene	21.68	228	623907	19.958 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	319131	19.834 ng/ul	99
85) Chrysene	21.75	228	592921	19.714 ng/ul	98
87) Di-n-octyl phthalate	22.80	149	539629	20.059 ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	636281	19.932 ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	596804	19.293 ng/ul	95
91) Benzo(a)pyrene	24.79	252	561588	19.536 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.61	276	682576	19.107 ng/ul#	98
93) Dibenzo(a,h)anthracene	28.68	278	567616	19.588 ng/ul	98
94) Benzo(g,h,i)perylene	29.77	276	578639	19.380 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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