Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046914.D
Acq On : 15 Oct 2020 5:14
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02099

Manual Integrations APPROVED
mohammad
10/15/2020 8:20:26 AM

Quant Time: Oct 15 06:06:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 14 13:03:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	50412	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	202357	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	159463	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	388153	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	415143	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	430064	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	8452	8.23	ng/uL	0.00
5) Phenol-d5	7.25	99	93780	21.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	53796	20.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	71121	22.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	76586	22.70	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	35568	23.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	43174	28.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	85278	23.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	91695	21.31	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	273209	22.42	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	305555	21.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	47746	22.98	ng/ul	0.00
58) Fluorene-d10	15.71	176	252004	22.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	51542	26.58	ng/ul	0.00
71) Anthracene-d10	17.56	188	397054	22.30	ng/ul	0.00
79) Pyrene-d10	19.84	212	495479	23.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	500550	21.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	9875	7.501	ng/uL#	87
4) Benzaldehyde	7.23	77	30423	9.997	ng/ul	88
6) Phenol	7.27	94	100507	22.237	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.51	93	74087	21.285	ng/ul	95
10) 2-Chlorophenol	7.66	128	71968	22.412	ng/ul	93
11) 2-Methylphenol	8.53	108	74712	22.421	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.62	45	106657	19.475	ng/ul	99
14) Acetophenone	8.91	105	121813	22.269	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.90	70	61540	20.828	ng/ul	90
16) 4-Methylphenol	8.86	108	80760	22.722	ng/ul	94
17) Hexachloroethane	9.18	117	31634	21.209	ng/ul	91
20) Nitrobenzene	9.30	77	100956	23.367	ng/ul	95
21) Isophorone	9.82	82	178667	20.732	ng/ul	98
23) 2-Nitrophenol	10.01	139	45451	27.105	ng/ul	96
24) 2,4-Dimethylphenol	10.07	107	92405	21.999	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.31	93	102016	20.321	ng/ul	94
27) 2,4-Dichlorophenol	10.55	162	82627	23.440	ng/ul	96
28) Naphthalene	10.96	128	240162	21.436	ng/ul	97
30) 4-Chloroaniline	11.06	127	87321	20.841	ng/ul	94
31) Hexachlorobutadiene	11.24	225	66917	22.090	ng/ul	94
32) Caprolactam	11.80	113	29876m	24.563	ng/ul	
33) 4-Chloro-3-methylphenol	12.17	107	89493	23.229	ng/ul	96
34) 2-Methylnaphthalene	12.55	142	181404	22.149	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.77	142	178278	22.460	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	124939	21.401	ng/ul	98
38) Hexachlorocyclopentadiene	12.90	237	75279	19.941	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.16	196	80985	23.440	ng/ul	93
40) 2,4,5-Trichlorophenol	13.23	196	88052	24.016	ng/ul	90
41) 1,1'-Biphenyl	13.56	154	255607	20.838	ng/ul	99
42) 2-Chloronaphthalene	13.60	162	207822	21.152	ng/ul	92
43) 2-Nitroaniline	13.80	65	64231	24.681	ng/ul	96
45) Dimethylphthalate	14.17	163	273829	22.205	ng/ul	98
46) 2,6-Dinitrotoluene	14.28	165	59707	27.360	ng/ul	96
48) Acenaphthylene	14.44	152	311366	21.844	ng/ul	98
49) 3-Nitroaniline	14.61	138	45428	20.901	ng/ul	98
50) Acenaphthene	14.78	153	214730	21.168	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	30515	23.283	ng/ul#	93
53) 4-Nitrophenol	14.92	109	50254	24.419	ng/ul	88
54) Dibenzofuran	15.12	168	323791	21.724	ng/ul	99
55) 2,4-Dinitrotoluene	15.07	165	83828	27.766	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.34	232	86374	25.285	ng/ul#	90
57) Diethylphthalate	15.53	149	281062	22.810	ng/ul	97
59) Fluorene	15.76	166	268480	22.183	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.75	204	153666	22.057	ng/ul	98
61) 4-Nitroaniline	15.77	138	49474	20.703	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.84	198	56292	26.434	ng/ul	98
65) N-Nitrosodiphenylamine	15.96	169	238898	21.381	ng/ul	96
66) 4-Bromophenyl-phenylether	16.65	248	109628	22.619	ng/ul	95
67) Hexachlorobenzene	16.77	284	69981	16.750	ng/ul	96
68) Atrazine	16.91	200	109445	23.647	ng/ul	97
69) Pentachlorophenol	17.11	266	68173	22.319	ng/ul	93
70) Phenanthrene	17.50	178	474785	22.375	ng/ul	99
72) Anthracene	17.60	178	482281	22.433	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	126290	21.086	ng/uL	97
74) Pentachlorobenzene	15.04	250	129836	21.334	ng/uL	94
75) Carbazole	17.86	167	404814	23.624	ng/ul	96
76) Di-n-butylphthalate	18.42	149	496952	23.383	ng/ul	98
77) Fluoranthene	19.51	202	622232	24.694	ng/ul	99
80) Pyrene	19.87	202	607112	22.752	ng/ul	98
81) Butylbenzylphthalate	20.75	149	221966	23.868	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.63	252	187191	19.280	ng/ul	99
83) Benzo(a)anthracene	21.72	228	614482	22.622	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	317484	22.957	ng/ul	97
85) Chrysene	21.78	228	584453	22.181	ng/ul	100
87) Di-n-octyl phthalate	22.84	149	532892	22.687	ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	618816	21.811	ng/ul	99
89) Benzo(k)fluoranthene	24.03	252	592907	21.440	ng/ul	99
91) Benzo(a)pyrene	24.85	252	560456	21.627	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.71	276	689362m	21.681	ng/ul	
93) Dibenzo(a,h)anthracene	28.78	278	569631	21.623	ng/ul	96
94) Benzo(g,h,i)perylene	29.88	276	566431	21.264	ng/ul	98

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

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