Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047637.D
Acq On : 8 Dec 2020 4:12
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02033

Manual Integrations APPROVED
mohammad
12/9/2020 12:19:15 PM

Quant Time: Dec 08 05:34:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 04:12:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	22436	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	95280	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	78127	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	200767	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	200044	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	219327	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	3990	9.47	ng/uL	0.00
5) Phenol-d5	7.35	99	40126	20.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	21312	21.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	30394	20.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	31957	20.97	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	15643	20.14	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	19245	20.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	38228	18.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	31892	17.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	125241	18.46	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	142312	18.36	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	18437	18.32	ng/ul	0.00
58) Fluorene-d10	15.82	176	115855	18.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	26551	19.54	ng/ul	0.00
71) Anthracene-d10	17.67	188	196753m	19.65	ng/ul	0.00
79) Pyrene-d10	19.94	212	221606	18.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	237281	18.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	4309	9.917	ng/uL#	73
4) Benzaldehyde	7.34	77	21171	20.777	ng/ul	90
6) Phenol	7.38	94	39133	21.572	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.62	93	27763	21.995	ng/ul	93
10) 2-Chlorophenol	7.77	128	31523	21.987	ng/ul#	88
11) 2-Methylphenol	8.64	108	30177	20.927	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.74	45	25425	21.507	ng/ul#	86
14) Acetophenone	9.04	105	51339	21.351	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.02	70	27514	20.706	ng/ul#	92
16) 4-Methylphenol	8.98	108	33817	21.954	ng/ul	91
17) Hexachloroethane	9.31	117	15046	21.466	ng/ul	91
20) Nitrobenzene	9.43	77	46622	18.965	ng/ul	95
21) Isophorone	9.95	82	82201	19.459	ng/ul#	89
23) 2-Nitrophenol	10.14	139	17880	18.671	ng/ul	91
24) 2,4-Dimethylphenol	10.19	107	43270	18.866	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.43	93	36914	19.078	ng/ul	97
27) 2,4-Dichlorophenol	10.68	162	35262	20.506	ng/ul	94
28) Naphthalene	11.09	128	98250	18.492	ng/ul	96
30) 4-Chloroaniline	11.19	127	31921	18.500	ng/ul	95
31) Hexachlorobutadiene	11.38	225	36501	19.439	ng/ul	93
32) Caprolactam	11.95	113	11162m	19.268	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	39396	18.818	ng/ul	94
34) 2-Methylnaphthalene	12.69	142	78841	19.261	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	91603	19.302	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	13.05	216	58779	18.932	ng/ul#	92
38) Hexachlorocyclopentadiene	13.02	237	36898	17.020	ng/ul	93
39) 2,4,6-Trichlorophenol	13.27	196	36850	18.176	ng/ul	99
40) 2,4,5-Trichlorophenol	13.34	196	37788	18.020	ng/ul#	76
41) 1,1'-Biphenyl	13.67	154	111465	18.953	ng/ul#	89
42) 2-Chloronaphthalene	13.72	162	91281	19.170	ng/ul	95
43) 2-Nitroaniline	13.91	65	31010	18.224	ng/ul#	90
45) Dimethylphthalate	14.27	163	124424	18.100	ng/ul#	96
46) 2,6-Dinitrotoluene	14.39	165	26760	18.197	ng/ul	97
48) Acenaphthylene	14.56	152	133174	18.523	ng/ul#	96
49) 3-Nitroaniline	14.72	138	15830	15.777	ng/ul#	92
50) Acenaphthene	14.90	153	93632	18.425	ng/ul	95
51) 2,4-Dinitrophenol	14.93	184	14990	17.656	ng/ul	89
53) 4-Nitrophenol	15.01	109	32562	19.657	ng/ul	94
54) Dibenzofuran	15.23	168	140103	18.895	ng/ul	96
55) 2,4-Dinitrotoluene	15.18	165	36755	17.713	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.45	232	38076	19.410	ng/ul#	91
57) Diethylphthalate	15.63	149	119968	17.880	ng/ul	97
59) Fluorene	15.88	166	120406	18.992	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.86	204	76846	19.395	ng/ul	95
61) 4-Nitroaniline	15.88	138	18082	16.153	ng/ul#	76
64) 4,6-Dinitro-2-methylphenol	15.95	198	24935	18.198	ng/ul#	87
65) N-Nitrosodiphenylamine	16.07	169	106737	19.287	ng/ul	95
66) 4-Bromophenyl-phenylether	16.75	248	49566	19.144	ng/ul	97
67) Hexachlorobenzene	16.88	284	56442	19.989	ng/ul	98
68) Atrazine	17.01	200	52202	20.360	ng/ul	97
69) Pentachlorophenol	17.22	266	23790	19.486	ng/ul	96
70) Phenanthrene	17.62	178	215077	19.765	ng/ul	96
72) Anthracene	17.70	178	216862	19.994	ng/ul#	94
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	60908	19.361	ng/uL	96
74) Pentachlorobenzene	15.15	250	59035	18.824	ng/uL	96
75) Carbazole	17.97	167	169238	19.565	ng/ul	95
76) Di-n-butylphthalate	18.51	149	209571	18.966	ng/ul	98
77) Fluoranthene	19.61	202	281133	20.305	ng/ul	99
80) Pyrene	19.97	202	273144	18.774	ng/ul#	96
81) Butylbenzylphthalate	20.84	149	91324	18.865	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.73	252	81700	17.871	ng/ul	98
83) Benzo(a)anthracene	21.83	228	273522	19.138	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.72	149	127125	18.711	ng/ul	92
85) Chrysene	21.90	228	257170	19.066	ng/ul	97
87) Di-n-octyl phthalate	22.97	149	217495	18.816	ng/ul	100
88) Benzo(b)fluoranthene	24.14	252	288369	18.835	ng/ul	99
89) Benzo(k)fluoranthene	24.21	252	277875m	18.313	ng/ul	
91) Benzo(a)pyrene	25.05	252	255987	18.541	ng/ul#	100
92) Indeno(1,2,3-cd)pyrene	29.07	276	314964m	18.706	ng/ul	
93) Dibenzo(a,h)anthracene	29.14	278	259888	18.415	ng/ul	99
94) Benzo(g,h,i)perylene	30.27	276	258624	18.709	ng/ul	95

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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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