Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047584.D
Acq On : 5 Dec 2020 00:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02074

Manual Integrations APPROVED
mohammad
12/7/2020 2:00:11 PM

Quant Time: Dec 05 02:36:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 00:50:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	29959	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	122129	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	98726	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	265342	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	248531	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	260189	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	6361m	7.72	ng/uL	-0.04
5) Phenol-d5	7.39	99	56346	18.75	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	28348	16.54	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.78	132	44848	22.26	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	44505	19.28	ng/ul	-0.02
19) Nitrobenzene-d5	9.41	128	22299	22.10	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.15	143	24776	22.51	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.68	165	52947	21.01	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	53761	21.09	ng/ul	-0.02
44) Dimethylphthalate-d6	14.25	166	171067	20.18	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	194315	19.84	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	25387	19.63	ng/ul	0.00
58) Fluorene-d10	15.85	176	160153	20.63	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	36265	24.01	ng/ul	-0.02
71) Anthracene-d10	17.70	188	265304	20.16	ng/ul	-0.02
79) Pyrene-d10	19.97	212	304476	21.05	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.03	264	302005	20.17	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	5233	6.153	ng/uL#	56
4) Benzaldehyde	7.37	77	30501	17.187	ng/ul	95
6) Phenol	7.42	94	54563	18.955	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.66	93	36763	17.302	ng/ul	96
10) 2-Chlorophenol	7.81	128	43096	21.192	ng/ul	97
11) 2-Methylphenol	8.68	108	41823	18.703	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.77	45	35214	15.756	ng/ul	97
14) Acetophenone	9.07	105	71271	20.042	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.06	70	39387	18.359	ng/ul#	95
16) 4-Methylphenol	9.01	108	44810	19.093	ng/ul	84
17) Hexachloroethane	9.35	117	21090	22.069	ng/ul	96
20) Nitrobenzene	9.46	77	64574	19.791	ng/ul#	95
21) Isophorone	9.98	82	112722	18.127	ng/ul	99
23) 2-Nitrophenol	10.18	139	26455	22.108	ng/ul#	79
24) 2,4-Dimethylphenol	10.22	107	58869	19.381	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.47	93	49902	16.684	ng/ul	97
27) 2,4-Dichlorophenol	10.72	162	47547	21.250	ng/ul	95
28) Naphthalene	11.13	128	135446	19.581	ng/ul	97
30) 4-Chloroaniline	11.22	127	50865	20.941	ng/ul	90
31) Hexachlorobutadiene	11.41	225	48837	23.200	ng/ul	96
32) Caprolactam	11.98	113	15104m	18.520	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	55893	20.213	ng/ul	99
34) 2-Methylnaphthalene	12.72	142	106281	20.734	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.93	142	126112	20.932	ng/uL#	97
37) 1,2,4,5-Tetrachlorobenzene	13.07	216	82077	21.157	ng/ul	98
38) Hexachlorocyclopentadiene	13.06	237	55901	20.708	ng/ul	93
39) 2,4,6-Trichlorophenol	13.30	196	48769	20.243	ng/ul	94
40) 2,4,5-Trichlorophenol	13.37	196	52708	21.073	ng/ul	97
41) 1,1'-Biphenyl	13.70	154	150408	19.641	ng/ul#	93
42) 2-Chloronaphthalene	13.75	162	119481	19.683	ng/ul	96
43) 2-Nitroaniline	13.94	65	45406	20.565	ng/ul	92
45) Dimethylphthalate	14.30	163	170981	19.778	ng/ul	98
46) 2,6-Dinitrotoluene	14.43	165	35732	21.584	ng/ul	87
48) Acenaphthylene	14.59	152	177383	19.484	ng/ul#	92
49) 3-Nitroaniline	14.75	138	29840	23.083	ng/ul#	79
50) Acenaphthene	14.93	153	128824	20.174	ng/ul	92
51) 2,4-Dinitrophenol	14.96	184	23239	26.343	ng/ul#	73
53) 4-Nitrophenol	15.05	109	47062	25.139	ng/ul#	73
54) Dibenzofuran	15.26	168	187951	20.039	ng/ul	99
55) 2,4-Dinitrotoluene	15.21	165	53525	22.788	ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.48	232	54052	22.565	ng/ul#	97
57) Diethylphthalate	15.66	149	170451	20.098	ng/ul	98
59) Fluorene	15.91	166	161531	20.443	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.89	204	102979	21.696	ng/ul	92
61) 4-Nitroaniline	15.91	138	31168	20.591	ng/ul#	70
64) 4,6-Dinitro-2-methylphenol	15.97	198	38157	24.142	ng/ul#	90
65) N-Nitrosodiphenylamine	16.10	169	146300	19.316	ng/ul	95
66) 4-Bromophenyl-phenylether	16.78	248	71032	21.073	ng/ul	95
67) Hexachlorobenzene	16.90	284	75697	21.467	ng/ul	92
68) Atrazine	17.03	200	66586	19.974	ng/ul	97
69) Pentachlorophenol	17.25	266	46853	22.717	ng/ul	95
70) Phenanthrene	17.64	178	286656	20.005	ng/ul	97
72) Anthracene	17.73	178	289546	20.065	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	79588	19.081	ng/uL	96
74) Pentachlorobenzene	15.18	250	84434	21.055	ng/uL	94
75) Carbazole	17.99	167	236737	20.337	ng/ul	97
76) Di-n-butylphthalate	18.54	149	283297	19.107	ng/ul#	97
77) Fluoranthene	19.63	202	381179	21.064	ng/ul#	97
80) Pyrene	20.00	202	372688	21.170	ng/ul#	92
81) Butylbenzylphthalate	20.86	149	121393	19.633	ng/ul#	97
82) 3,3'-Dichlorobenzidine	21.76	252	128290	22.112	ng/ul#	95
83) Benzo(a)anthracene	21.86	228	360877	20.408	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.74	149	171934	19.949	ng/ul	97
85) Chrysene	21.93	228	337543	20.058	ng/ul	98
87) Di-n-octyl phthalate	23.01	149	281892	19.561	ng/ul	100
88) Benzo(b)fluoranthene	24.18	252	367536	20.007	ng/ul	97
89) Benzo(k)fluoranthene	24.25	252	362655	20.032	ng/ul	94
91) Benzo(a)pyrene	25.11	252	327683	20.009	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.16	276	395023m	19.830	ng/ul	
93) Dibenzo(a,h)anthracene	29.22	278	332052	20.331	ng/ul#	94
94) Benzo(g,h,i)perylene	30.37	276	327054	19.897	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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