Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047599.D
Acq On : 5 Dec 2020 10:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02075

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mohammad
12/7/2020 2:00:56 PM

Quant Time: Dec 07 05:03:35 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	34374	20.00	ng/ul	-0.03
18) Naphthalene-d8	11.07	136	138370	20.00	ng/ul	-0.03
36) Acenaphthene-d10	14.86	164	112139	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	277189	20.00	ng/ul	-0.01
78) Chrysene-d12	21.88	240	261679	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	283148	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	5511	5.83	ng/uL	-0.03
5) Phenol-d5	7.39	99	62619	18.17	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	31430	15.99	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.78	132	47348	20.48	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	51710	19.52	ng/ul	-0.02
19) Nitrobenzene-d5	9.41	128	22557	19.74	ng/ul	-0.03
22) 2-Nitrophenol-d4	10.15	143	27838	22.32	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.69	165	60441	21.17	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	60183	20.84	ng/ul	-0.02
44) Dimethylphthalate-d6	14.26	166	191240	19.86	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	217343	19.54	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.03	143	26877	18.30	ng/ul	0.00
58) Fluorene-d10	15.85	176	173154	19.64	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.96	200	36296	23.00	ng/ul	-0.01
71) Anthracene-d10	17.70	188	277606	20.19	ng/ul	-0.02
79) Pyrene-d10	19.96	212	317955	20.88	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.03	264	330214	20.26	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	6283	6.439	ng/uL#	74
4) Benzaldehyde	7.37	77	34210	16.801	ng/ul	94
6) Phenol	7.41	94	60892	18.437	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.66	93	41479	17.014	ng/ul	97
10) 2-Chlorophenol	7.81	128	45759	19.612	ng/ul	93
11) 2-Methylphenol	8.68	108	48570	18.930	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.78	45	40002m	15.600	ng/ul	
14) Acetophenone	9.08	105	78971	19.355	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.05	70	43747	17.772	ng/ul#	91
16) 4-Methylphenol	9.01	108	52242	19.401	ng/ul	96
17) Hexachloroethane	9.35	117	21866	19.942	ng/ul#	83
20) Nitrobenzene	9.46	77	71738	19.406	ng/ul#	96
21) Isophorone	9.98	82	124169	17.624	ng/ul	98
23) 2-Nitrophenol	10.18	139	29048	21.426	ng/ul	98
24) 2,4-Dimethylphenol	10.22	107	68776	19.985	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.46	93	56344	16.627	ng/ul#	96
27) 2,4-Dichlorophenol	10.71	162	53490	21.100	ng/ul	92
28) Naphthalene	11.13	128	159001	20.288	ng/ul	99
30) 4-Chloroaniline	11.22	127	57317	20.827	ng/ul#	90
31) Hexachlorobutadiene	11.41	225	56521	23.699	ng/ul	98
32) Caprolactam	11.97	113	17458m	18.894	ng/ul	
33) 4-Chloro-3-methylphenol	12.32	107	60082	19.177	ng/ul	97
34) 2-Methylnaphthalene	12.71	142	120945	20.825	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.93	142	138704	20.320	ng/uL#	99
37) 1,2,4,5-Tetrachlorobenzene	13.07	216	95342	21.636	ng/ul	95
38) Hexachlorocyclopentadiene	13.05	237	60110	19.604	ng/ul	100
39) 2,4,6-Trichlorophenol	13.31	196	57706	21.088	ng/ul	96
40) 2,4,5-Trichlorophenol	13.38	196	61839	21.767	ng/ul	91
41) 1,1'-Biphenyl	13.70	154	167389	19.244	ng/ul	94
42) 2-Chloronaphthalene	13.75	162	134580	19.518	ng/ul	98
43) 2-Nitroaniline	13.94	65	49453	19.719	ng/ul#	89
45) Dimethylphthalate	14.31	163	189407	19.289	ng/ul#	95
46) 2,6-Dinitrotoluene	14.42	165	39516	21.014	ng/ul	85
48) Acenaphthylene	14.59	152	199151	19.259	ng/ul	96
49) 3-Nitroaniline	14.75	138	31312	21.324	ng/ul	93
50) Acenaphthene	14.93	153	138319	19.070	ng/ul	98
51) 2,4-Dinitrophenol	14.96	184	23090	23.043	ng/ul#	81
53) 4-Nitrophenol	15.05	109	50905	23.939	ng/ul#	74
54) Dibenzofuran	15.26	168	210587	19.767	ng/ul	97
55) 2,4-Dinitrotoluene	15.21	165	56504	21.179	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.48	232	59581	21.898	ng/ul#	95
57) Diethylphthalate	15.66	149	182132	18.906	ng/ul	98
59) Fluorene	15.90	166	176820	19.701	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.89	204	111357	20.655	ng/ul	94
61) 4-Nitroaniline	15.91	138	33452	19.457	ng/ul#	70
64) 4,6-Dinitro-2-methylphenol	15.97	198	35566	21.541	ng/ul	93
65) N-Nitrosodiphenylamine	16.10	169	152259	19.244	ng/ul	96
66) 4-Bromophenyl-phenylether	16.78	248	75963	21.573	ng/ul	96
67) Hexachlorobenzene	16.91	284	82039	22.271	ng/ul	96
68) Atrazine	17.03	200	66533	19.105	ng/ul	91
69) Pentachlorophenol	17.24	266	48020	22.287	ng/ul	98
70) Phenanthrene	17.64	178	301790	20.161	ng/ul	99
72) Anthracene	17.73	178	302151	20.044	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	91483	20.995	ng/uL	94
74) Pentachlorobenzene	15.18	250	90446	21.590	ng/uL	96
75) Carbazole	18.00	167	245849	20.217	ng/ul	96
76) Di-n-butylphthalate	18.54	149	300358	19.392	ng/ul#	97
77) Fluoranthene	19.64	202	394367	20.861	ng/ul#	97
80) Pyrene	19.99	202	386898	20.873	ng/ul#	93
81) Butylbenzylphthalate	20.86	149	129250	19.854	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.76	252	136131	22.284	ng/ul	94
83) Benzo(a)anthracene	21.86	228	378713	20.340	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.74	149	178436	19.663	ng/ul#	98
85) Chrysene	21.93	228	359084	20.266	ng/ul	99
87) Di-n-octyl phthalate	23.01	149	299104	19.073	ng/ul	100
88) Benzo(b)fluoranthene	24.18	252	395929	19.805	ng/ul	94
89) Benzo(k)fluoranthene	24.26	252	395396	20.070	ng/ul	100
91) Benzo(a)pyrene	25.11	252	347371	19.492	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.16	276	432710	19.961	ng/ul#	95
93) Dibenzo(a,h)anthracene	29.22	278	356457	20.055	ng/ul#	96
94) Benzo(g,h,i)perylene	30.38	276	350867	19.615	ng/ul#	93

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

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