Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010421\
Data File : BG047862.D
Acq On : 4 Jan 2021 14:20
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02008

Manual Integrations APPROVED
mohammad
1/5/2021 12:30:43 PM

Quant Time: Jan 04 17:22:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 13:42:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	28565	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	114468	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	90912	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	211902	20.00	ng/ul	0.00
78) Chrysene-d12	21.84	240	180274	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	190208	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	3401	6.34	ng/uL	0.00
5) Phenol-d5	7.34	99	50491	20.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	25216	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	36820	19.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	40211	20.72	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	19650	21.05	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	23238	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	49348	20.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	51256	22.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	148929	18.86	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	169579	18.80	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	22023	18.80	ng/ul	0.02
58) Fluorene-d10	15.81	176	134768	18.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	26525	18.49	ng/ul	0.00
71) Anthracene-d10	17.66	188	207099	19.59	ng/ul	0.00
79) Pyrene-d10	19.93	212	202252	18.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	216455	19.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	4107	7.424	ng/uL#	85
4) Benzaldehyde	7.32	77	19267	14.851	ng/ul	96
6) Phenol	7.37	94	48399	20.955	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.60	93	35277	21.951	ng/ul	91
10) 2-Chlorophenol	7.75	128	37511	20.550	ng/ul	93
11) 2-Methylphenol	8.63	108	38692	21.075	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.73	45	33324	22.140	ng/ul	95
14) Acetophenone	9.02	105	65059	21.252	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.00	70	35198	20.805	ng/ul#	91
16) 4-Methylphenol	8.96	108	42345	21.592	ng/ul	95
17) Hexachloroethane	9.29	117	17006	19.056	ng/ul#	80
20) Nitrobenzene	9.41	77	57445	19.450	ng/ul#	88
21) Isophorone	9.93	82	101780	20.055	ng/ul	98
23) 2-Nitrophenol	10.13	139	24569	21.356	ng/ul#	86
24) 2,4-Dimethylphenol	10.17	107	53541	19.431	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.41	93	49446	21.271	ng/ul#	95
27) 2,4-Dichlorophenol	10.66	162	41367	20.024	ng/ul	95
28) Naphthalene	11.07	128	123755	19.388	ng/ul#	94
30) 4-Chloroaniline	11.18	127	46701	22.529	ng/ul	96
31) Hexachlorobutadiene	11.36	225	43553	19.306	ng/ul	91
32) Caprolactam	11.94	113	14829m	21.307	ng/ul	
33) 4-Chloro-3-methylphenol	12.28	107	52819	21.000	ng/ul#	95
34) 2-Methylnaphthalene	12.67	142	93821	19.078	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.88	142	111176	19.499	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	71455	19.778	ng/ul	95
38) Hexachlorocyclopentadiene	13.01	237	35316	14.000	ng/ul	94
39) 2,4,6-Trichlorophenol	13.26	196	45582	19.322	ng/ul#	91
40) 2,4,5-Trichlorophenol	13.34	196	50478	20.687	ng/ul	97
41) 1,1'-Biphenyl	13.66	154	137577	20.103	ng/ul	100
42) 2-Chloronaphthalene	13.71	162	106139	19.155	ng/ul	95
43) 2-Nitroaniline	13.90	65	39339	19.868	ng/ul	93
45) Dimethylphthalate	14.26	163	151415	18.929	ng/ul	97
46) 2,6-Dinitrotoluene	14.38	165	33918	19.821	ng/ul#	91
48) Acenaphthylene	14.55	152	160417	19.174	ng/ul	97
49) 3-Nitroaniline	14.72	138	23103	19.788	ng/ul	94
50) Acenaphthene	14.89	153	109153	18.459	ng/ul	98
51) 2,4-Dinitrophenol	14.92	184	11363	11.502	ng/ul#	87
53) 4-Nitrophenol	15.02	109	36933	19.161	ng/ul	92
54) Dibenzofuran	15.22	168	161030	18.664	ng/ul	100
55) 2,4-Dinitrotoluene	15.17	165	43864	18.167	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.44	232	47083	20.626	ng/ul#	89
57) Diethylphthalate	15.61	149	145352	18.617	ng/ul	95
59) Fluorene	15.86	166	136665	18.525	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.84	204	86109	18.677	ng/ul	100
61) 4-Nitroaniline	15.87	138	20567	15.789	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.93	198	24615	17.020	ng/ul#	93
65) N-Nitrosodiphenylamine	16.06	169	122854	21.033	ng/ul	90
66) 4-Bromophenyl-phenylether	16.74	248	56196	20.564	ng/ul	95
67) Hexachlorobenzene	16.87	284	60640	20.347	ng/ul	93
68) Atrazine	17.00	200	55818	20.626	ng/ul	92
69) Pentachlorophenol	17.21	266	25994	20.173	ng/ul	91
70) Phenanthrene	17.60	178	224917	19.583	ng/ul	98
72) Anthracene	17.69	178	226853	19.816	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	74982	22.582	ng/uL	98
74) Pentachlorobenzene	15.14	250	70274	21.231	ng/uL	98
75) Carbazole	17.95	167	182541	19.994	ng/ul	96
76) Di-n-butylphthalate	18.49	149	221321	18.977	ng/ul	96
77) Fluoranthene	19.59	202	244101	16.704	ng/ul	99
80) Pyrene	19.96	202	248379	18.944	ng/ul#	97
81) Butylbenzylphthalate	20.82	149	85380	19.572	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.72	252	78747	19.114	ng/ul	97
83) Benzo(a)anthracene	21.81	228	255684	19.852	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	123048	20.097	ng/ul#	96
85) Chrysene	21.88	228	245676	20.211	ng/ul	97
87) Di-n-octyl phthalate	22.95	149	193336	19.287	ng/ul	100
88) Benzo(b)fluoranthene	24.12	252	248849	18.742	ng/ul	99
89) Benzo(k)fluoranthene	24.18	252	250768	19.057	ng/ul#	97
91) Benzo(a)pyrene	25.03	252	233251	19.480	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	29.02	276	301837	20.671	ng/ul	94
93) Dibenzo(a,h)anthracene	29.09	278	245071	20.023	ng/ul#	97
94) Benzo(g,h,i)perylene	30.23	276	243951	20.349	ng/ul#	94

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

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