Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010421\
Data File : BG047864.D
Acq On : 4 Jan 2021 18:01
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02009

Manual Integrations APPROVED
mohammad
1/5/2021 12:30:46 PM

Quant Time: Jan 04 18:39:30 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	8.20	152	27211	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	112912	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	87608	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	224358	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	216874	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	215921	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	4865	9.52	ng/uL	0.00
5) Phenol-d5	7.33	99	48589	20.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	25069	20.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	38238	21.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	38695	20.93	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	18082	19.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	23100	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	47933	19.89	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	47884	21.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	147892	19.44	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	169634	19.52	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	21945	19.44	ng/ul	0.00
58) Fluorene-d10	15.81	176	134663	19.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	25821	17.00	ng/ul	0.00
71) Anthracene-d10	17.66	188	224587	20.07	ng/ul	0.00
79) Pyrene-d10	19.92	212	253865	19.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	243632	19.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	4294	8.148	ng/uL#	88
4) Benzaldehyde	7.32	77	19250	15.577	ng/ul	92
6) Phenol	7.37	94	47852	21.749	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.60	93	33985	22.199	ng/ul	88
10) 2-Chlorophenol	7.76	128	35071	20.169	ng/ul#	85
11) 2-Methylphenol	8.63	108	38036	21.748	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.73	45	33522	23.380	ng/ul#	92
14) Acetophenone	9.02	105	63999	21.946	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.00	70	33424	20.739	ng/ul#	92
16) 4-Methylphenol	8.96	108	39878	21.346	ng/ul	88
17) Hexachloroethane	9.30	117	17793	20.930	ng/ul#	79
20) Nitrobenzene	9.41	77	54858	18.830	ng/ul	95
21) Isophorone	9.93	82	99675	19.911	ng/ul#	94
23) 2-Nitrophenol	10.12	139	22455	19.787	ng/ul	96
24) 2,4-Dimethylphenol	10.18	107	52764	19.413	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.41	93	45840	19.991	ng/ul	92
27) 2,4-Dichlorophenol	10.67	162	41104	20.171	ng/ul	98
28) Naphthalene	11.08	128	123949	19.686	ng/ul#	95
30) 4-Chloroaniline	11.18	127	46245	22.616	ng/ul#	85
31) Hexachlorobutadiene	11.35	225	40080	18.011	ng/ul#	88
32) Caprolactam	11.92	113	14905m	21.712	ng/ul	
33) 4-Chloro-3-methylphenol	12.28	107	49465	19.938	ng/ul#	90
34) 2-Methylnaphthalene	12.66	142	94909	19.565	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.88	142	111151	19.763 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	71912	20.655 ng/ul	88
38) Hexachlorocyclopentadiene	13.01	237	35286	14.515 ng/ul#	94
39) 2,4,6-Trichlorophenol	13.26	196	45025	19.805 ng/ul#	88
40) 2,4,5-Trichlorophenol	13.34	196	46202	19.648 ng/ul	90
41) 1,1'-Biphenyl	13.66	154	135668	20.572 ng/ul	100
42) 2-Chloronaphthalene	13.71	162	104456	19.562 ng/ul	94
43) 2-Nitroaniline	13.90	65	36444	19.100 ng/ul	92
45) Dimethylphthalate	14.26	163	149166	19.351 ng/ul	97
46) 2,6-Dinitrotoluene	14.38	165	31719	19.235 ng/ul	91
48) Acenaphthylene	14.55	152	156385	19.397 ng/ul	97
49) 3-Nitroaniline	14.71	138	21924	19.486 ng/ul#	89
50) Acenaphthene	14.88	153	112047	19.663 ng/ul	97
51) 2,4-Dinitrophenol	14.92	184	9726	10.216 ng/ul	89
53) 4-Nitrophenol	15.01	109	34794	18.732 ng/ul	90
54) Dibenzofuran	15.22	168	162883	19.590 ng/ul	100
55) 2,4-Dinitrotoluene	15.17	165	45146	19.403 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.44	232	45125	20.514 ng/ul#	93
57) Diethylphthalate	15.61	149	146860	19.519 ng/ul	94
59) Fluorene	15.86	166	137261	19.308 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.85	204	84835	19.094 ng/ul	97
61) 4-Nitroaniline	15.86	138	21662	17.257 ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.93	198	25239	16.483 ng/ul#	98
65) N-Nitrosodiphenylamine	16.06	169	123301	19.938 ng/ul	94
66) 4-Bromophenyl-phenylether	16.74	248	58147	20.097 ng/ul	98
67) Hexachlorobenzene	16.86	284	62149	19.696 ng/ul#	92
68) Atrazine	16.99	200	58961	20.578 ng/ul	95
69) Pentachlorophenol	17.20	266	21790m	15.971 ng/ul	
70) Phenanthrene	17.60	178	242340	19.929 ng/ul	100
72) Anthracene	17.69	178	244438	20.166 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	71791	20.421 ng/uL	97
74) Pentachlorobenzene	15.14	250	70613	20.149 ng/uL	93
75) Carbazole	17.96	167	200976	20.791 ng/ul	99
76) Di-n-butylphthalate	18.49	149	248598	20.132 ng/ul	95
77) Fluoranthene	19.60	202	323328	20.897 ng/ul	99
80) Pyrene	19.95	202	314275	19.925 ng/ul	98
81) Butylbenzylphthalate	20.82	149	105106	20.027 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.72	252	91722	18.507 ng/ul#	93
83) Benzo(a)anthracene	21.81	228	296740	19.152 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	142753	19.381 ng/ul#	91
85) Chrysene	21.88	228	285477	19.522 ng/ul	99
87) Di-n-octyl phthalate	22.94	149	233551	20.524 ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	307597m	20.407 ng/ul	
89) Benzo(k)fluoranthene	24.18	252	295263m	19.766 ng/ul	
91) Benzo(a)pyrene	25.02	252	265343	19.522 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.02	276	328931	19.844 ng/ul	99
93) Dibenzo(a,h)anthracene	29.08	278	277898m	20.001 ng/ul	
94) Benzo(g,h,i)perylene	30.21	276	273062	20.065 ng/ul	98

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

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