Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047797.D
Acq On : 23 Dec 2020 12:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02003

Manual Integrations APPROVED
mohammad
12/24/2020 10:44:05 AM

Quant Time: Dec 23 15:11:24 2020
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	25758	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	97480	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	72350	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	192862	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	211982	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	222281	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	3956	8.18	ng/uL	0.00
5) Phenol-d5	7.33	99	41800	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	21205	18.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	31853	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	32086	18.34	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	16292	20.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	19393	20.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	39152	18.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	37515	19.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	118292	18.82	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	138733	19.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	18611	19.97	ng/ul	0.00
58) Fluorene-d10	15.80	176	111463	19.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	23760	18.20	ng/ul	0.00
71) Anthracene-d10	17.66	188	184069	19.13	ng/ul	0.00
79) Pyrene-d10	19.92	212	229962	18.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	258533	19.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	4698	9.418	ng/uL#	82
4) Benzaldehyde	7.32	77	16152	13.807	ng/ul#	85
6) Phenol	7.36	94	40810	19.595	ng/ul	88
8) Bis(2-Chloroethyl)ether	7.60	93	30103	20.773	ng/ul	86
10) 2-Chlorophenol	7.76	128	33585	20.404	ng/ul#	94
11) 2-Methylphenol	8.63	108	33088	19.986	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.72	45	28075	20.685	ng/ul	95
14) Acetophenone	9.02	105	54905	19.890	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.00	70	30036	19.689	ng/ul#	92
16) 4-Methylphenol	8.95	108	34492	19.504	ng/ul	99
17) Hexachloroethane	9.29	117	15548	19.321	ng/ul	92
20) Nitrobenzene	9.41	77	47685	18.959	ng/ul#	91
21) Isophorone	9.94	82	80384	18.600	ng/ul#	94
23) 2-Nitrophenol	10.12	139	18599	18.984	ng/ul	92
24) 2,4-Dimethylphenol	10.17	107	43669	18.610	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.41	93	40627	20.523	ng/ul	92
27) 2,4-Dichlorophenol	10.66	162	35248	20.035	ng/ul	96
28) Naphthalene	11.08	128	103844	19.104	ng/ul	97
30) 4-Chloroaniline	11.18	127	36087	20.442	ng/ul	88
31) Hexachlorobutadiene	11.35	225	37666	19.606	ng/ul	94
32) Caprolactam	11.92	113	9884	16.677	ng/ul	90
33) 4-Chloro-3-methylphenol	12.27	107	39866	18.613	ng/ul	99
34) 2-Methylnaphthalene	12.67	142	79665	19.023	ng/ul	89

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35) 1-Methylnaphthalene	12.88	142	91833	18.913	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	56727	19.730	ng/ul#	94
38) Hexachlorocyclopentadiene	13.01	237	34275	17.073	ng/ul	90
39) 2,4,6-Trichlorophenol	13.26	196	34701	18.483	ng/ul#	90
40) 2,4,5-Trichlorophenol	13.33	196	39719	20.454	ng/ul	93
41) 1,1'-Biphenyl	13.65	154	112013	20.567	ng/ul	96
42) 2-Chloronaphthalene	13.70	162	86496	19.615	ng/ul	95
43) 2-Nitroaniline	13.90	65	31168m	19.780	ng/ul	
45) Dimethylphthalate	14.26	163	122353	19.220	ng/ul#	96
46) 2,6-Dinitrotoluene	14.38	165	26055	19.132	ng/ul	88
48) Acenaphthylene	14.55	152	128804	19.345	ng/ul#	91
49) 3-Nitroaniline	14.71	138	17451	18.781	ng/ul#	79
50) Acenaphthene	14.88	153	91641	19.473	ng/ul	95
51) 2,4-Dinitrophenol	14.92	184	14261	18.138	ng/ul	93
53) 4-Nitrophenol	15.01	109	30394	19.814	ng/ul	88
54) Dibenzofuran	15.22	168	134437	19.579	ng/ul	100
55) 2,4-Dinitrotoluene	15.16	165	36513	19.002	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.43	232	34790	19.151	ng/ul#	86
57) Diethylphthalate	15.61	149	116757	18.791	ng/ul	94
59) Fluorene	15.86	166	114818	19.557	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.85	204	69528	18.949	ng/ul	100
61) 4-Nitroaniline	15.87	138	18814	18.149	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.93	198	23818	18.095	ng/ul#	98
65) N-Nitrosodiphenylamine	16.06	169	102837	19.344	ng/ul	92
66) 4-Bromophenyl-phenylether	16.74	248	47839	19.235	ng/ul	94
67) Hexachlorobenzene	16.86	284	51117	18.845	ng/ul	91
68) Atrazine	16.99	200	46809	19.005	ng/ul#	89
69) Pentachlorophenol	17.20	266	23322	19.886	ng/ul#	84
70) Phenanthrene	17.60	178	206393	19.745	ng/ul	96
72) Anthracene	17.69	178	204415	19.618	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	59704	19.756	ng/uL	97
74) Pentachlorobenzene	15.14	250	56956	18.906	ng/uL	94
75) Carbazole	17.95	167	174840	21.041	ng/ul	94
76) Di-n-butylphthalate	18.50	149	202425	19.070	ng/ul	97
77) Fluoranthene	19.59	202	288993	21.728	ng/ul	99
80) Pyrene	19.95	202	285409	18.512	ng/ul	100
81) Butylbenzylphthalate	20.82	149	98117	19.127	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.72	252	90754	18.734	ng/ul	86
83) Benzo(a)anthracene	21.81	228	296619	19.586	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	136579	18.971	ng/ul	96
85) Chrysene	21.88	228	281182	19.672	ng/ul	98
87) Di-n-octyl phthalate	22.94	149	232050	19.809	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	307967	19.847	ng/ul	96
89) Benzo(k)fluoranthene	24.18	252	301123	19.582	ng/ul	99
91) Benzo(a)pyrene	25.02	252	278170	19.880	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.01	276	326654	19.143	ng/ul	96
93) Dibenzo(a,h)anthracene	29.08	278	279902	19.569	ng/ul#	95
94) Benzo(g,h,i)perylene	30.20	276	278992	19.914	ng/ul#	98

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

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