Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047377.D
Acq On : 20 Nov 2020 13:13
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02034

Manual Integrations APPROVED
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Quant Time: Nov 20 13:55:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 14:25:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	39430	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	162404	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	126243	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	320956	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	300155	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	322614	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	7561	6.97	ng/uL	0.00
5) Phenol-d5	7.40	99	77391	19.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	42702	18.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	51422	19.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	58285	19.18	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	27636	20.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	29230	19.97	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.70	165	65293	19.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	69967	20.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	197805	18.25	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	237950	19.00	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	31250	18.90	ng/ul	0.01
58) Fluorene-d10	15.87	176	185963	18.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	34725	19.01	ng/ul	0.00
71) Anthracene-d10	17.72	188	298365	18.74	ng/ul	0.00
79) Pyrene-d10	19.98	212	338058	19.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	348523	18.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	7645	6.830	ng/uL#	84
4) Benzaldehyde	7.40	77	46487	19.903	ng/ul	98
6) Phenol	7.43	94	75069	19.815	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.67	93	51521	18.423	ng/ul	94
10) 2-Chlorophenol	7.83	128	51824	19.363	ng/ul	97
11) 2-Methylphenol	8.69	108	55507	18.860	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.80	45	57171	19.436	ng/ul	97
14) Acetophenone	9.10	105	89511	19.125	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.07	70	53696	19.016	ng/ul	94
16) 4-Methylphenol	9.02	108	59903	19.393	ng/ul	91
17) Hexachloroethane	9.37	117	24540	19.511	ng/ul	95
20) Nitrobenzene	9.48	77	81798	18.853	ng/ul	97
21) Isophorone	10.01	82	151351	18.303	ng/ul#	95
23) 2-Nitrophenol	10.19	139	29915	18.800	ng/ul#	84
24) 2,4-Dimethylphenol	10.24	107	74448	18.432	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.48	93	73865	18.571	ng/ul	99
27) 2,4-Dichlorophenol	10.73	162	55188	18.548	ng/ul	99
28) Naphthalene	11.15	128	175633	19.094	ng/ul	96
30) 4-Chloroaniline	11.25	127	64304	19.908	ng/ul#	81
31) Hexachlorobutadiene	11.43	225	52999	18.933	ng/ul	94
32) Caprolactam	11.98	113	20661m	19.051	ng/ul	
33) 4-Chloro-3-methylphenol	12.34	107	71644	19.484	ng/ul	99
34) 2-Methylnaphthalene	12.74	142	133607	19.601	ng/ul	95

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35) 1-Methylnaphthalene	12.95	142	152958	19.092	ng/uL#	99
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	92637	18.674	ng/ul#	93
38) Hexachlorocyclopentadiene	13.08	237	59846	17.337	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.32	196	61374	19.923	ng/ul	93
40) 2,4,5-Trichlorophenol	13.39	196	63848	19.963	ng/ul	95
41) 1,1'-Biphenyl	13.73	154	186507	19.046	ng/ul	96
42) 2-Chloronaphthalene	13.77	162	143088	18.434	ng/ul	95
43) 2-Nitroaniline	13.95	65	54401	19.269	ng/ul	90
45) Dimethylphthalate	14.32	163	204040	18.457	ng/ul#	96
46) 2,6-Dinitrotoluene	14.44	165	41869	19.778	ng/ul	98
48) Acenaphthylene	14.61	152	220715	18.960	ng/ul	96
49) 3-Nitroaniline	14.77	138	34396	20.808	ng/ul	91
50) Acenaphthene	14.95	153	154975	18.979	ng/ul	99
51) 2,4-Dinitrophenol	14.97	184	22537	19.979	ng/ul	93
53) 4-Nitrophenol	15.05	109	48248	20.155	ng/ul	92
54) Dibenzofuran	15.28	168	221338	18.455	ng/ul	95
55) 2,4-Dinitrotoluene	15.22	165	57130	19.021	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.49	232	63021	20.575	ng/ul#	88
57) Diethylphthalate	15.68	149	203182	18.735	ng/ul	99
59) Fluorene	15.92	166	190137	18.818	ng/ul#	96
60) 4-Chlorophenyl-phenylether	15.91	204	115427	19.018	ng/ul	96
61) 4-Nitroaniline	15.92	138	37739	19.498	ng/ul	84
64) 4,6-Dinitro-2-methylphenol	15.98	198	36877	19.289	ng/ul	92
65) N-Nitrosodiphenylamine	16.12	169	173129	18.898	ng/ul	95
66) 4-Bromophenyl-phenylether	16.80	248	77478	19.002	ng/ul	95
67) Hexachlorobenzene	16.92	284	82275	19.290	ng/ul#	89
68) Atrazine	17.06	200	77602	19.245	ng/ul	95
69) Pentachlorophenol	17.26	266	46657	18.702	ng/ul	97
70) Phenanthrene	17.66	178	330271	19.055	ng/ul	97
72) Anthracene	17.75	178	331122	18.970	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	96889	19.204	ng/uL	96
74) Pentachlorobenzene	15.20	250	95812	19.752	ng/uL	96
75) Carbazole	18.01	167	273813	19.447	ng/ul	99
76) Di-n-butylphthalate	18.56	149	332088	18.516	ng/ul	99
77) Fluoranthene	19.65	202	429623	19.627	ng/ul	99
80) Pyrene	20.01	202	418602	19.688	ng/ul#	98
81) Butylbenzylphthalate	20.88	149	144795	19.390	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.78	252	131225	18.727	ng/ul	97
83) Benzo(a)anthracene	21.88	228	415264	19.444	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	203479	19.549	ng/ul	98
85) Chrysene	21.95	228	386824	19.033	ng/ul	99
87) Di-n-octyl phthalate	23.06	149	344829	19.299	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	419351	18.410	ng/ul	98
89) Benzo(k)fluoranthene	24.29	252	416451	18.552	ng/ul	99
91) Benzo(a)pyrene	25.14	252	379413	18.685	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.20	276	454101	18.385	ng/ul	98
93) Dibenzo(a,h)anthracene	29.28	278	376186	18.576	ng/ul#	96
94) Benzo(g,h,i)perylene	30.42	276	379844m	18.637	ng/ul	

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

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