Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047420.D
Acq On : 23 Nov 2020 17:11
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02041

Manual Integrations APPROVED
mohammad
11/25/2020 12:46:56 PM

Quant Time: Nov 23 18:00:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	35623	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	147388	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	109847	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	245000m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	215190	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	226640	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	7158	7.30	ng/uL	0.00
5) Phenol-d5	7.41	99	63703	17.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	33902	16.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	46513	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	52332	19.06	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	24109	19.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	26975	20.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	58538	19.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	60012	19.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	170813	18.11	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	210396	19.31	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	25933	18.02	ng/ul	0.00
58) Fluorene-d10	15.87	176	158850	18.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	22778	16.33	ng/ul	0.00
71) Anthracene-d10	17.72	188	237174	19.51	ng/ul	0.00
79) Pyrene-d10	19.98	212	252222	20.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	246775	18.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	5269	5.211	ng/uL#	60
4) Benzaldehyde	7.40	77	41335	19.589	ng/ul#	84
6) Phenol	7.44	94	63560	18.570	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.68	93	44005	17.417	ng/ul	98
10) 2-Chlorophenol	7.83	128	47585	19.679	ng/ul	97
11) 2-Methylphenol	8.71	108	49530	18.628	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.80	45	41784	15.723	ng/ul	96
14) Acetophenone	9.10	105	79353	18.767	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.08	70	43666	17.117	ng/ul#	96
16) 4-Methylphenol	9.04	108	52197	18.705	ng/ul	92
17) Hexachloroethane	9.38	117	21285	18.731	ng/ul	95
20) Nitrobenzene	9.48	77	74919	19.027	ng/ul	96
21) Isophorone	10.01	82	123860	16.505	ng/ul#	96
23) 2-Nitrophenol	10.20	139	28430	19.687	ng/ul#	78
24) 2,4-Dimethylphenol	10.25	107	68847	18.782	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.49	93	58665	16.252	ng/ul	96
27) 2,4-Dichlorophenol	10.73	162	53955	19.981	ng/ul	88
28) Naphthalene	11.15	128	157540	18.872	ng/ul	97
30) 4-Chloroaniline	11.25	127	57275	19.539	ng/ul	89
31) Hexachlorobutadiene	11.43	225	57058	22.460	ng/ul	95
32) Caprolactam	12.00	113	15694m	15.945	ng/ul	
33) 4-Chloro-3-methylphenol	12.34	107	60921	18.255	ng/ul	94
34) 2-Methylnaphthalene	12.74	142	120789	19.526	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.96	142	137740	18.944	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	91280	21.147	ng/ul	93
38) Hexachlorocyclopentadiene	13.08	237	36787	12.248	ng/ul	98
39) 2,4,6-Trichlorophenol	13.33	196	55165	20.580	ng/ul#	82
40) 2,4,5-Trichlorophenol	13.40	196	60039	21.574	ng/ul	96
41) 1,1'-Biphenyl	13.73	154	164221	19.273	ng/ul	98
42) 2-Chloronaphthalene	13.77	162	129420	19.161	ng/ul	98
43) 2-Nitroaniline	13.96	65	46469	18.916	ng/ul	93
45) Dimethylphthalate	14.32	163	173694	18.058	ng/ul	98
46) 2,6-Dinitrotoluene	14.45	165	34859	18.925	ng/ul	96
48) Acenaphthylene	14.61	152	187053	18.466	ng/ul	96
49) 3-Nitroaniline	14.77	138	29739	20.676	ng/ul	90
50) Acenaphthene	14.95	153	134145	18.880	ng/ul	99
51) 2,4-Dinitrophenol	14.98	184	21588	21.994	ng/ul#	83
53) 4-Nitrophenol	15.06	109	39927	19.168	ng/ul	92
54) Dibenzofuran	15.28	168	194087	18.598	ng/ul	99
55) 2,4-Dinitrotoluene	15.22	165	50075	19.161	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.50	232	54003	20.262	ng/ul#	99
57) Diethylphthalate	15.68	149	164559	17.439	ng/ul	95
59) Fluorene	15.93	166	162798	18.517	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.91	204	102837	19.473	ng/ul	93
61) 4-Nitroaniline	15.93	138	31721	18.835	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.99	198	22582m	15.474	ng/ul	
65) N-Nitrosodiphenylamine	16.12	169	142433	20.367	ng/ul	99
66) 4-Bromophenyl-phenylether	16.80	248	66164	21.258	ng/ul	95
67) Hexachlorobenzene	16.93	284	72013	22.118	ng/ul	96
68) Atrazine	17.06	200	60598	19.687	ng/ul	94
69) Pentachlorophenol	17.26	266	40556	21.296	ng/ul	91
70) Phenanthrene	17.66	178	259517m	19.615	ng/ul	
72) Anthracene	17.76	178	259606	19.484	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	90663	23.541	ng/uL	97
74) Pentachlorobenzene	15.20	250	87176	23.544	ng/uL	94
75) Carbazole	18.01	167	208176	19.369	ng/ul	97
76) Di-n-butylphthalate	18.56	149	247534	18.081	ng/ul	99
77) Fluoranthene	19.65	202	318626	19.069	ng/ul	99
80) Pyrene	20.01	202	303539	19.913	ng/ul	99
81) Butylbenzylphthalate	20.88	149	101385	18.938	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.79	252	77850	15.497	ng/ul	93
83) Benzo(a)anthracene	21.88	228	293901	19.195	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	134513	18.026	ng/ul	98
85) Chrysene	21.95	228	280819	19.273	ng/ul	95
87) Di-n-octyl phthalate	23.05	149	227772	18.145	ng/ul	100
88) Benzo(b)fluoranthene	24.22	252	297365	18.583	ng/ul	99
89) Benzo(k)fluoranthene	24.29	252	299071	18.965	ng/ul	96
91) Benzo(a)pyrene	25.15	252	271052	19.001	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	29.21	276	329787	19.006	ng/ul#	98
93) Dibenzo(a,h)anthracene	29.30	278	275326m	19.353	ng/ul	
94) Benzo(g,h,i)perylene	30.43	276	255697m	17.859	ng/ul	

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

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