Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111220\
Data File : BG047320.D
Acq On : 13 Nov 2020 00:01
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02098

Manual Integrations APPROVED
mohammad
11/16/2020 11:50:05 AM

Quant Time: Nov 13 10:06:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	46014	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	187339	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	138730	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	369090	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	365282	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	363757	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	7052	6.18	ng/uL	0.00
5) Phenol-d5	7.17	99	68123	17.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	41474	18.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	56433	18.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	56604	17.77	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	27326	17.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	32453	17.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	64962	18.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	68406	22.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	212181	18.60	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	240504	17.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	34155m	19.02	ng/ul	0.01
58) Fluorene-d10	15.63	176	194029	18.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	45704	17.95	ng/ul	0.00
71) Anthracene-d10	17.49	188	320179	17.90	ng/ul	0.00
79) Pyrene-d10	19.77	212	387333	18.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	355186	17.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	7322	5.986	ng/uL	99
4) Benzaldehyde	7.14	77	43268	16.331	ng/ul	91
6) Phenol	7.20	94	68118	17.478	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.42	93	52620	17.230	ng/ul	95
10) 2-Chlorophenol	7.57	128	54592	17.700	ng/ul#	93
11) 2-Methylphenol	8.45	108	52537	17.577	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.54	45	84167	18.548	ng/ul#	94
14) Acetophenone	8.83	105	88775	18.239	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.81	70	45801	17.391	ng/ul#	86
16) 4-Methylphenol	8.78	108	56536	18.009	ng/ul	96
17) Hexachloroethane	9.09	117	25363	17.826	ng/ul	87
20) Nitrobenzene	9.21	77	71993	16.980	ng/ul#	95
21) Isophorone	9.73	82	135730	17.775	ng/ul	97
23) 2-Nitrophenol	9.93	139	33786	17.960	ng/ul	91
24) 2,4-Dimethylphenol	9.99	107	66318	17.342	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.22	93	78513	18.221	ng/ul	97
27) 2,4-Dichlorophenol	10.46	162	59710	17.688	ng/ul	97
28) Naphthalene	10.87	128	181257	17.222	ng/ul	98
30) 4-Chloroaniline	10.97	127	63638	21.921	ng/ul	92
31) Hexachlorobutadiene	11.15	225	54513	18.406	ng/ul	94
32) Caprolactam	11.72	113	22563	19.619	ng/ul#	83
33) 4-Chloro-3-methylphenol	12.10	107	64554	18.600	ng/ul	95
34) 2-Methylnaphthalene	12.47	142	135604	18.060	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	160867	18.284	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	93795	17.358	ng/ul	98
38) Hexachlorocyclopentadiene	12.82	237	42404	12.516	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.08	196	56419	17.123	ng/ul	96
40) 2,4,5-Trichlorophenol	13.15	196	59331	17.572	ng/ul	98
41) 1,1'-Biphenyl	13.48	154	194475	17.768	ng/ul	98
42) 2-Chloronaphthalene	13.52	162	154740	17.528	ng/ul	96
43) 2-Nitroaniline	13.72	65	49813	18.767	ng/ul	91
45) Dimethylphthalate	14.09	163	214256	18.716	ng/ul	97
46) 2,6-Dinitrotoluene	14.21	165	45580	18.396	ng/ul	93
48) Acenaphthylene	14.36	152	224416	17.776	ng/ul	97
49) 3-Nitroaniline	14.55	138	33742	20.845	ng/ul	91
50) Acenaphthene	14.70	153	165332	18.100	ng/ul	97
51) 2,4-Dinitrophenol	14.76	184	22751	17.761	ng/ul#	80
53) 4-Nitrophenol	14.86	109	34103	18.573	ng/ul	96
54) Dibenzofuran	15.04	168	242647	18.254	ng/ul	99
55) 2,4-Dinitrotoluene	15.00	165	68051	19.995	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.27	232	61875	17.453	ng/ul#	98
57) Diethylphthalate	15.45	149	222347	19.381	ng/ul	97
59) Fluorene	15.69	166	205792	18.861	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.68	204	116828	18.662	ng/ul	95
61) 4-Nitroaniline	15.71	138	38524	20.541	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.77	198	45710	17.419	ng/ul#	97
65) N-Nitrosodiphenylamine	15.89	169	180981	16.966	ng/ul	100
66) 4-Bromophenyl-phenylether	16.57	248	84768	17.314	ng/ul	95
67) Hexachlorobenzene	16.70	284	92322	17.816	ng/ul	96
68) Atrazine	16.84	200	84433	18.341	ng/ul	97
69) Pentachlorophenol	17.04	266	43354	14.671	ng/ul	97
70) Phenanthrene	17.43	178	363149	17.542	ng/ul	97
72) Anthracene	17.52	178	366122	17.599	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.45	216	94907	15.307	ng/uL	95
74) Pentachlorobenzene	14.96	250	98476	16.566	ng/uL	99
75) Carbazole	17.79	167	302766	18.946	ng/ul	99
76) Di-n-butylphthalate	18.34	149	398534	18.693	ng/ul	99
77) Fluoranthene	19.44	202	468470	18.802	ng/ul	100
80) Pyrene	19.80	202	464309	18.575	ng/ul	98
81) Butylbenzylphthalate	20.68	149	167683	18.262	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.55	252	136774	20.462	ng/ul	99
83) Benzo(a)anthracene	21.63	228	441869	17.856	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	228817	17.965	ng/ul	98
85) Chrysene	21.70	228	424010	17.810	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	378291	18.577	ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	430658	17.823	ng/ul	96
89) Benzo(k)fluoranthene	23.90	252	420150	17.944	ng/ul	99
91) Benzo(a)pyrene	24.70	252	390457	17.945	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.49	276	468808	17.337	ng/ul	97
93) Dibenzo(a,h)anthracene	28.55	278	394985	18.007	ng/ul	100
94) Benzo(g,h,i)perylene	29.63	276	393140	17.395	ng/ul#	94

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

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