Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047450.D
Acq On : 24 Nov 2020 17:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02044

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Quant Time: Nov 24 18:10:19 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	8.28	152	35298	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	132377	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	98357	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	227640	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	215663	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	232415	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	7018	7.23	ng/uL	0.00
5) Phenol-d5	7.41	99	60208	17.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	31843	15.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	45334	19.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	46224	16.99	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	21372	19.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	26151	21.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	52836	19.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	55521	20.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	156312	18.51	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	180902	18.54	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	22335	17.34	ng/ul	0.00
58) Fluorene-d10	15.87	176	141255	18.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	21895	16.90	ng/ul	0.00
71) Anthracene-d10	17.72	188	220503m	19.53	ng/ul	0.00
79) Pyrene-d10	19.98	212	249120	19.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	247811	18.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	9011	8.993	ng/uL#	74
4) Benzaldehyde	7.40	77	37520	17.944	ng/ul	94
6) Phenol	7.44	94	60551	17.854	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.68	93	40535	16.191	ng/ul	91
10) 2-Chlorophenol	7.83	128	43808	18.284	ng/ul	92
11) 2-Methylphenol	8.71	108	43808	16.627	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.80	45	40122	15.237	ng/ul	97
14) Acetophenone	9.10	105	70226	16.761	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.08	70	39403	15.588	ng/ul#	96
16) 4-Methylphenol	9.03	108	45883	16.593	ng/ul	92
17) Hexachloroethane	9.37	117	19901	17.675	ng/ul	92
20) Nitrobenzene	9.48	77	69287	19.592	ng/ul	98
21) Isophorone	10.01	82	111324	16.516	ng/ul#	94
23) 2-Nitrophenol	10.20	139	26084	20.111	ng/ul	94
24) 2,4-Dimethylphenol	10.24	107	62802	19.075	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.49	93	53066	16.368	ng/ul#	98
27) 2,4-Dichlorophenol	10.74	162	48986	20.198	ng/ul	95
28) Naphthalene	11.15	128	145744	19.438	ng/ul#	95
30) 4-Chloroaniline	11.24	127	51574	19.589	ng/ul	99
31) Hexachlorobutadiene	11.43	225	52165	22.862	ng/ul	97
32) Caprolactam	11.99	113	13573	15.354	ng/ul	93
33) 4-Chloro-3-methylphenol	12.34	107	54658	18.236	ng/ul	92
34) 2-Methylnaphthalene	12.74	142	106969	19.252	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	127265	19.488	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	82640	21.382	ng/ul	97
38) Hexachlorocyclopentadiene	13.08	237	39997	14.872	ng/ul	95
39) 2,4,6-Trichlorophenol	13.32	196	53222	22.175	ng/ul	92
40) 2,4,5-Trichlorophenol	13.39	196	51035m	20.481	ng/ul	
41) 1,1'-Biphenyl	13.72	154	147203	19.294	ng/ul	93
42) 2-Chloronaphthalene	13.77	162	118960	19.670	ng/ul	95
43) 2-Nitroaniline	13.96	65	40517	18.420	ng/ul	96
45) Dimethylphthalate	14.32	163	159732	18.546	ng/ul	98
46) 2,6-Dinitrotoluene	14.44	165	31627	19.176	ng/ul	91
48) Acenaphthylene	14.61	152	171178	18.873	ng/ul	97
49) 3-Nitroaniline	14.77	138	26445	20.533	ng/ul	92
50) Acenaphthene	14.95	153	119788	18.829	ng/ul	99
51) 2,4-Dinitrophenol	14.97	184	17031	19.378	ng/ul#	77
53) 4-Nitrophenol	15.06	109	36987	19.831	ng/ul#	82
54) Dibenzofuran	15.28	168	174754	18.702	ng/ul	100
55) 2,4-Dinitrotoluene	15.22	165	43586	18.626	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.50	232	47944	20.090	ng/ul	96
57) Diethylphthalate	15.67	149	150752	17.842	ng/ul	99
59) Fluorene	15.92	166	146781	18.646	ng/ul	90
60) 4-Chlorophenyl-phenylether	15.91	204	91191	19.285	ng/ul	98
61) 4-Nitroaniline	15.92	138	30034	19.917	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.99	198	22434	16.545	ng/ul#	92
65) N-Nitrosodiphenylamine	16.12	169	126103	19.407	ng/ul	93
66) 4-Bromophenyl-phenylether	16.80	248	61358	21.218	ng/ul	99
67) Hexachlorobenzene	16.93	284	67155	22.199	ng/ul	96
68) Atrazine	17.05	200	56334	19.697	ng/ul	93
69) Pentachlorophenol	17.26	266	36853	20.828	ng/ul	93
70) Phenanthrene	17.66	178	241639	19.657	ng/ul	98
72) Anthracene	17.75	178	235387	19.014	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	81200	22.692	ng/uL	99
74) Pentachlorobenzene	15.20	250	75881	22.056	ng/uL	97
75) Carbazole	18.01	167	195003	19.527	ng/ul	99
76) Di-n-butylphthalate	18.56	149	235096	18.482	ng/ul	98
77) Fluoranthene	19.65	202	305460	19.675	ng/ul	99
80) Pyrene	20.01	202	299861	19.629	ng/ul	98
81) Butylbenzylphthalate	20.88	149	100398	18.712	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.78	252	88652	17.608	ng/ul	95
83) Benzo(a)anthracene	21.88	228	293557	19.131	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	136858	18.300	ng/ul#	97
85) Chrysene	21.95	228	278467	19.070	ng/ul	97
87) Di-n-octyl phthalate	23.05	149	225562	17.523	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	307264	18.724	ng/ul	100
89) Benzo(k)fluoranthene	24.29	252	298934	18.486	ng/ul	94
91) Benzo(a)pyrene	25.15	252	274868	18.790	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	29.22	276	321739m	18.081	ng/ul	
93) Dibenzo(a,h)anthracene	29.29	278	252001	17.273	ng/ul#	98
94) Benzo(g,h,i)perylene	30.45	276	241126m	16.423	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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