Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101520\
Data File : BG046922.D
Acq On : 15 Oct 2020 21:09
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SICV31

Manual Integrations APPROVED
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10/16/2020 12:47:11 PM

Quant Time: Oct 16 02:11:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 02:00:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	50230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	204358	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	153763	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	387712	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	427612	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	427037	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	10590	9.36	ng/uL	0.00
5) Phenol-d5	7.23	99	88640	20.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	55029	21.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	69356	20.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	70067	19.80	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	34624	19.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	38442	19.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	79140	20.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	95356	21.34	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	252236	19.75	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	275056	18.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	44206	20.08	ng/ul	0.00
58) Fluorene-d10	15.69	176	217695	18.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	50043	18.74	ng/ul	0.00
71) Anthracene-d10	17.55	188	362983m	19.33	ng/ul	0.00
79) Pyrene-d10	19.83	212	469760	20.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	468346	19.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	11552m	8.562	ng/uL	
4) Benzaldehyde	7.22	77	63643m	24.688	ng/ul	
6) Phenol	7.26	94	89643	19.311	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.49	93	70128	19.935	ng/ul	95
10) 2-Chlorophenol	7.64	128	69129	20.712	ng/ul	98
11) 2-Methylphenol	8.51	108	67490	19.516	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.60	45	99656	19.805	ng/ul#	93
14) Acetophenone	8.90	105	120722	21.269	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.88	70	62452	20.979	ng/ul#	95
16) 4-Methylphenol	8.84	108	72928	19.868	ng/ul	90
17) Hexachloroethane	9.17	117	29808	19.601	ng/ul	97
20) Nitrobenzene	9.28	77	93232	19.893	ng/ul	98
21) Isophorone	9.81	82	168188	19.502	ng/ul	97
23) 2-Nitrophenol	10.00	139	40781	19.642	ng/ul	88
24) 2,4-Dimethylphenol	10.05	107	84141	19.211	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.29	93	92831	18.876	ng/ul	97
27) 2,4-Dichlorophenol	10.53	162	76792	19.865	ng/ul	97
28) Naphthalene	10.94	128	222536	18.872	ng/ul	97
30) 4-Chloroaniline	11.04	127	95675	22.376	ng/ul	100
31) Hexachlorobutadiene	11.23	225	60902	18.489	ng/ul	99
32) Caprolactam	11.80	113	27069m	20.690	ng/ul	
33) 4-Chloro-3-methylphenol	12.16	107	83387	20.616	ng/ul	94
34) 2-Methylnaphthalene	12.54	142	173351	19.995	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	166047	19.418 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	115244	19.218 ng/ul	99
38) Hexachlorocyclopentadiene	12.89	237	74462	18.699 ng/ul	87
39) 2,4,6-Trichlorophenol	13.14	196	69405	18.807 ng/ul	96
40) 2,4,5-Trichlorophenol	13.21	196	76167	19.551 ng/ul	93
41) 1,1'-Biphenyl	13.54	154	241323	19.457 ng/ul	99
42) 2-Chloronaphthalene	13.58	162	185325	18.650 ng/ul	98
43) 2-Nitroaniline	13.78	65	59077	19.817 ng/ul	86
45) Dimethylphthalate	14.15	163	247015	18.654 ng/ul	100
46) 2,6-Dinitrotoluene	14.27	165	53591	19.798 ng/ul	97
48) Acenaphthylene	14.43	152	285544	19.402 ng/ul	98
49) 3-Nitroaniline	14.60	138	48152	21.461 ng/ul	90
50) Acenaphthene	14.77	153	191564	18.563 ng/ul	98
51) 2,4-Dinitrophenol	14.81	184	30363	17.770 ng/ul	90
53) 4-Nitrophenol	14.90	109	44733	19.360 ng/ul	93
54) Dibenzofuran	15.10	168	299381	19.522 ng/ul	98
55) 2,4-Dinitrotoluene	15.05	165	77457	19.936 ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.33	232	75180	19.482 ng/ul#	92
57) Diethylphthalate	15.51	149	252822	19.141 ng/ul	99
59) Fluorene	15.75	166	237016	18.834 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.74	204	136441	18.603 ng/ul	95
61) 4-Nitroaniline	15.76	138	57051	22.791 ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.82	198	54339	18.924 ng/ul#	97
65) N-Nitrosodiphenylamine	15.95	169	220557	19.386 ng/ul	91
66) 4-Bromophenyl-phenylether	16.63	248	96010	18.564 ng/ul	98
67) Hexachlorobenzene	16.75	284	93886	17.429 ng/ul	95
68) Atrazine	16.90	200	92438	18.393 ng/ul	96
69) Pentachlorophenol	17.10	266	62415m	18.668 ng/ul	
70) Phenanthrene	17.49	178	414510	18.684 ng/ul	98
72) Anthracene	17.58	178	426484	19.032 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	118424	19.218 ng/uL	95
74) Pentachlorobenzene	15.02	250	116317	18.395 ng/uL	98
75) Carbazole	17.85	167	365364	20.303 ng/ul	99
76) Di-n-butylphthalate	18.40	149	453772	19.270 ng/ul	99
77) Fluoranthene	19.50	202	557412	20.576 ng/ul	98
80) Pyrene	19.86	202	552021	19.075 ng/ul	99
81) Butylbenzylphthalate	20.74	149	203273	19.302 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.62	252	216187	21.613 ng/ul	94
83) Benzo(a)anthracene	21.70	228	564968	19.143 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	282862	18.810 ng/ul	96
85) Chrysene	21.77	228	529381	18.591 ng/ul	99
87) Di-n-octyl phthalate	22.83	149	484157	19.726 ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	545278m	18.408 ng/ul	
89) Benzo(k)fluoranthene	24.00	252	547981	19.183 ng/ul	98
91) Benzo(a)pyrene	24.81	252	497331	18.675 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.67	276	611187	18.734 ng/ul	99
93) Dibenzo(a,h)anthracene	28.74	278	510951	18.886 ng/ul	98
94) Benzo(g,h,i)perylene	29.82	276	512522	18.715 ng/ul	99

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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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