Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
Data File : VW018355.D
Acq On : 17 Mar 2021 20:06
Operator : SY/VA
Sample : VW0317SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0317SBSD01

Manual Integrations APPROVED
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3/18/2021 4:12:45 PM

Quant Time: Mar 18 03:16:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 18:51:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.952	168	380757	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	655425	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.634	117	593992	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	312634	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	210903	51.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.74%				
35) Dibromofluoromethane	7.885	113	185036	48.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.88%				
50) Toluene-d8	10.323	98	726833	47.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.70%				
62) 4-Bromofluorobenzene	12.615	95	278043	48.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.44%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	57905	21.38	ug/l		97
3) Chloromethane	2.215	50	87697	20.93	ug/l		98
4) Vinyl Chloride	2.367	62	103764	25.62	ug/l		98
5) Bromomethane	2.782	94	76239	23.08	ug/l		100
6) Chloroethane	2.922	64	70256	22.18	ug/l		98
7) Trichlorofluoromethane	3.257	101	56608	17.99	ug/l		96
8) Diethyl Ether	3.678	74	42644	22.45	ug/l		96
9) 1,1,2-Trichlorotrifluo...	4.062	101	75659	21.28	ug/l		96
10) Methyl Iodide	4.275	142	114653	21.93	ug/l		96
11) Tert butyl alcohol	5.166	59	29756	120.25	ug/l	#	94
12) 1,1-Dichloroethene	4.038	96	76796	20.98	ug/l		85
13) Acrolein	3.897	56	25341	147.62	ug/l		96
14) Allyl chloride	4.666	41	105715	21.20	ug/l		97
15) Acrylonitrile	5.361	53	84007	111.71	ug/l		96
16) Acetone	4.123	43	65835	108.32	ug/l		96
17) Carbon Disulfide	4.391	76	213071	22.18	ug/l		99
18) Methyl Acetate	4.666	43	35290	22.11	ug/l		98
19) Methyl tert-butyl Ether	5.428	73	121267	22.08	ug/l		99
20) Methylene Chloride	4.909	84	97618	22.49	ug/l		92
21) trans-1,2-Dichloroethene	5.422	96	89579	20.81	ug/l		84
22) Diisopropyl ether	6.312	45	222207	21.69	ug/l		98
23) Vinyl Acetate	6.251	43	721501	113.84	ug/l		97
24) 1,1-Dichloroethane	6.214	63	158389	21.56	ug/l		99
25) 2-Butanone	7.171	43	105488	117.14	ug/l		95
26) 2,2-Dichloropropane	7.165	77	96056	20.34	ug/l		98
27) cis-1,2-Dichloroethene	7.165	96	101041	21.53	ug/l		94
28) Bromochloromethane	7.513	49	64409	22.44	ug/l		85
29) Tetrahydrofuran	7.525	42	69534	118.99	ug/l		95
30) Chloroform	7.677	83	167287	21.60	ug/l		97
31) Cyclohexane	7.958	56	142719	20.50	ug/l		89
32) 1,1,1-Trichloroethane	7.872	97	135097	21.45	ug/l		98
36) 1,1-Dichloropropene	8.080	75	133019	20.54	ug/l		99
37) Ethyl Acetate	7.251	43	51877	22.91	ug/l		99
38) Carbon Tetrachloride	8.067	117	123100	20.34	ug/l	#	96
39) Methylcyclohexane	9.336	83	166212	20.27	ug/l		98
40) Benzene	8.324	78	362972	20.94	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	24833	20.27	ug/l		86
42) 1,2-Dichloroethane	8.397	62	119288	21.91	ug/l		99
43) Isopropyl Acetate	8.421	43	101841	22.40	ug/l		95
44) Trichloroethene	9.092	130	95995	20.56	ug/l		94
45) 1,2-Dichloropropane	9.366	63	87729	20.94	ug/l		93
46) Dibromomethane	9.457	93	50794	21.71	ug/l		100
47) Bromodichloromethane	9.646	83	128039	21.04	ug/l		98
48) Methyl methacrylate	9.433	41	45559	21.14	ug/l		95
49) 1,4-Dioxane	9.445	88	14849	437.47	ug/l		94
51) 4-Methyl-2-Pentanone	10.207	43	250439	112.82	ug/l		98
52) Toluene	10.384	92	234269	20.49	ug/l		97
53) t-1,3-Dichloropropene	10.604	75	128312	20.70	ug/l		97
54) cis-1,3-Dichloropropene	10.073	75	145274	20.54	ug/l		92
55) 1,1,2-Trichloroethane	10.786	97	68592	21.67	ug/l		96
56) Ethyl methacrylate	10.646	69	91566	22.24	ug/l		97
57) 1,3-Dichloropropane	10.933	76	121074	21.48	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.921	63	223896	107.17	ug/l		93
59) 2-Hexanone	10.969	43	176888	115.75	ug/l		98
60) Dibromochloromethane	11.128	129	81672	20.94	ug/l		99
61) 1,2-Dibromoethane	11.232	107	65934	21.20	ug/l		100
64) Tetrachloroethene	10.860	164	76709	20.24	ug/l		92
65) Chlorobenzene	11.658	112	250798	20.91	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.731	131	88211	20.83	ug/l		99
67) Ethyl Benzene	11.731	91	463960	20.44	ug/l		99
68) m/p-Xylenes	11.841	106	351971	40.88	ug/l		100
69) o-Xylene	12.164	106	165664	20.56	ug/l		97
70) Styrene	12.183	104	277349	20.59	ug/l		99
71) Bromoform	12.347	173	44816	20.76	ug/l	#	99
73) Isopropylbenzene	12.463	105	452211	19.20	ug/l		99
74) N-amyl acetate	12.274	43	98016	21.15	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.713	83	80703	21.00	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	51899m	18.06	ug/l		
77) Bromobenzene	12.750	156	98219	19.48	ug/l		96
78) n-propylbenzene	12.804	91	545012	19.41	ug/l		99
79) 2-Chlorotoluene	12.890	91	322471	20.05	ug/l		96
80) 1,3,5-Trimethylbenzene	12.945	105	398333	19.62	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.512	75	26894	20.48	ug/l		91
82) 4-Chlorotoluene	12.987	91	334427	19.73	ug/l		98
83) tert-Butylbenzene	13.207	119	340151	19.75	ug/l		98
84) 1,2,4-Trimethylbenzene	13.249	105	407213	20.02	ug/l		100
85) sec-Butylbenzene	13.384	105	479765	19.77	ug/l		100
86) p-Isopropyltoluene	13.493	119	439411	20.16	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	202290	19.88	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	195648	19.28	ug/l		96
89) n-Butylbenzene	13.823	91	429425	19.86	ug/l		98
90) Hexachloroethane	14.091	117	76984	19.22	ug/l		100
91) 1,2-Dichlorobenzene	13.871	146	177903	19.85	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	15874	22.29	ug/l		89
93) 1,2,4-Trichlorobenzene	15.133	180	125511	19.78	ug/l		93
94) Hexachlorobutadiene	15.231	225	73014	20.32	ug/l		94
95) Naphthalene	15.365	128	249161	21.28	ug/l		99
96) 1,2,3-Trichlorobenzene	15.548	180	108655	20.58	ug/l		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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