Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
Data File : VD068090.D
Acq On : 19 Jan 2021 15:10
Operator : VA/SY
Sample : VD0119SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0119SBS01

Manual Integrations APPROVED
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1/20/2021 4:57:02 PM

Quant Time: Jan 19 15:55:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.985	168	532305	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	902715	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	810206	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	365875	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	247260	48.56	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.12%				
35) Dibromofluoromethane	7.920	113	246344	49.36	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.72%				
50) Toluene-d8	10.344	98	932245	46.70	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.40%				
62) 4-Bromofluorobenzene	12.632	95	349602	48.63	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.26%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	136072	21.52	ug/l		95
3) Chloromethane	2.209	50	146844	21.56	ug/l		97
4) Vinyl Chloride	2.350	62	161184	21.28	ug/l		97
5) Bromomethane	2.762	94	109163	21.02	ug/l		99
6) Chloroethane	2.926	64	98550	21.30	ug/l		99
7) Trichlorofluoromethane	3.273	101	204324	20.55	ug/l		96
8) Diethyl Ether	3.715	74	60333	20.61	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.097	101	118250	20.39	ug/l		95
10) Methyl Iodide	4.309	142	109172	18.88	ug/l		93
11) Tert butyl alcohol	5.209	59	74430	132.14	ug/l	#	81
12) 1,1-Dichloroethene	4.073	96	117355	20.12	ug/l		95
13) Acrolein	3.926	56	42818	106.70	ug/l		98
14) Allyl chloride	4.720	41	174291	20.55	ug/l		96
15) Acrylonitrile	5.426	53	121618	104.89	ug/l		99
16) Acetone	4.162	43	94099	103.49	ug/l	#	89
17) Carbon Disulfide	4.415	76	383500	20.42	ug/l		99
18) Methyl Acetate	4.720	43	53167	22.53	ug/l		89
19) Methyl tert-butyl Ether	5.479	73	282881	20.98	ug/l		94
20) Methylene Chloride	4.967	84	140469	19.71	ug/l		93
21) trans-1,2-Dichloroethene	5.479	96	133589	19.95	ug/l		82
22) Diisopropyl ether	6.367	45	347804	20.32	ug/l	#	93
23) Vinyl Acetate	6.309	43	965591	105.83	ug/l		95
24) 1,1-Dichloroethane	6.267	63	228068	20.56	ug/l		98
25) 2-Butanone	7.214	43	140435	102.58	ug/l		97
26) 2,2-Dichloropropane	7.208	77	215612	20.55	ug/l		99
27) cis-1,2-Dichloroethene	7.214	96	148481	20.43	ug/l		91
28) Bromochloromethane	7.550	49	80554	21.32	ug/l	#	76
29) Tetrahydrofuran	7.567	42	91936	103.59	ug/l		92
30) Chloroform	7.714	83	226301	20.19	ug/l		97
31) Cyclohexane	7.985	56	223843	20.30	ug/l		94
32) 1,1,1-Trichloroethane	7.908	97	203723	20.17	ug/l		97
36) 1,1-Dichloropropene	8.114	75	185799	20.41	ug/l		96
37) Ethyl Acetate	7.297	43	67603	20.99	ug/l		95
38) Carbon Tetrachloride	8.103	117	172409	20.23	ug/l		99
39) Methylcyclohexane	9.355	83	241905	20.33	ug/l		94
40) Benzene	8.355	78	518562	20.37	ug/l		99

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	43796	22.54	ug/l		92
42) 1,2-Dichloroethane	8.432	62	141479	20.80	ug/l		98
43) Isopropyl Acetate	8.455	43	136557	20.35	ug/l		97
44) Trichloroethene	9.114	130	143099	20.47	ug/l		94
45) 1,2-Dichloropropane	9.391	63	126024	20.22	ug/l		93
46) Dibromomethane	9.479	93	66476	21.05	ug/l		90
47) Bromodichloromethane	9.667	83	178360	20.93	ug/l		98
48) Methyl methacrylate	9.461	41	71123	21.29	ug/l		96
49) 1,4-Dioxane	9.461	88	14856	401.39	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.232	43	331075	106.13	ug/l		98
52) Toluene	10.408	92	335860	20.25	ug/l		96
53) t-1,3-Dichloropropene	10.626	75	181883	21.09	ug/l		95
54) cis-1,3-Dichloropropene	10.091	75	210131	20.47	ug/l		96
55) 1,1,2-Trichloroethane	10.802	97	90175	20.15	ug/l		92
56) Ethyl methacrylate	10.661	69	122450	20.54	ug/l		95
57) 1,3-Dichloropropane	10.949	76	162078	20.52	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	304809	110.78	ug/l		93
59) 2-Hexanone	10.985	43	225948	104.49	ug/l		98
60) Dibromochloromethane	11.144	129	117130	20.87	ug/l		99
61) 1,2-Dibromoethane	11.249	107	91063	20.62	ug/l		99
64) Tetrachloroethene	10.879	164	115927	20.30	ug/l		96
65) Chlorobenzene	11.673	112	347794	20.20	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.744	131	125112	20.66	ug/l		98
67) Ethyl Benzene	11.744	91	647209	20.30	ug/l		99
68) m/p-Xylenes	11.855	106	486501	40.43	ug/l		98
69) o-Xylene	12.185	106	225042	20.14	ug/l		99
70) Styrene	12.196	104	389170	20.40	ug/l		98
71) Bromoform	12.361	173	63229	20.60	ug/l	#	99
73) Isopropylbenzene	12.479	105	618292	20.31	ug/l		99
74) N-amyl acetate	12.291	43	134470	21.25	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.732	83	100816	20.82	ug/l		100
76) 1,2,3-Trichloropropane	12.785	75	64902m	18.35	ug/l		
77) Bromobenzene	12.761	156	135556	20.77	ug/l		86
78) n-propylbenzene	12.820	91	730615	20.28	ug/l		98
79) 2-Chlorotoluene	12.908	91	411039	20.33	ug/l		96
80) 1,3,5-Trimethylbenzene	12.961	105	518631	20.45	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	35161	20.11	ug/l		98
82) 4-Chlorotoluene	13.002	91	438273	20.84	ug/l		96
83) tert-Butylbenzene	13.220	119	437952	20.38	ug/l		97
84) 1,2,4-Trimethylbenzene	13.267	105	508330	20.20	ug/l		99
85) sec-Butylbenzene	13.402	105	609778	20.29	ug/l		98
86) p-Isopropyltoluene	13.514	119	553823	20.26	ug/l		100
87) 1,3-Dichlorobenzene	13.514	146	255513	20.36	ug/l		98
88) 1,4-Dichlorobenzene	13.596	146	253247	20.48	ug/l		98
89) n-Butylbenzene	13.843	91	538879	20.54	ug/l		98
90) Hexachloroethane	14.108	117	98982	20.05	ug/l		88
91) 1,2-Dichlorobenzene	13.890	146	222920	20.74	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	16813	21.21	ug/l		80
93) 1,2,4-Trichlorobenzene	15.161	180	150956	20.48	ug/l		99
94) Hexachlorobutadiene	15.261	225	82303	20.15	ug/l		98
95) Naphthalene	15.396	128	283972	20.55	ug/l		100
96) 1,2,3-Trichlorobenzene	15.590	180	128483	20.67	ug/l		98

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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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