

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031521\
 Data File : VW018342.D
 Acq On : 15 Mar 2021 16:30
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02504

Quant Time: Mar 16 01:17:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 16 01:16:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	258686	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	233053	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	115191	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	67173	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.92%
7) Chloroethane-d5	2.891	69	57913	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.84%
10) 1,1-Dichloroethene-d2	4.025	63	166483	25.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.32%
20) 2-Butanone-d5	7.080	46	37708	56.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.24%
24) Chloroform-d	7.647	84	189612	27.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.24%
26) 1,2-Dichloroethane-d4	8.305	65	102602	26.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.40%
29) Benzene-d6	8.275	84	326108	26.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.12%
33) 1,2-Dichloropropane-d6	9.274	67	93564	27.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.88%
37) Toluene-d8	10.323	98	321278	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.32%
38) trans-1,3-Dichloroprop...	10.579	79	45552	26.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.92%
39) 2-Hexanone-d5	10.927	63	33655	58.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.70%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	81609	27.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.04%
61) 1,2-Dichlorobenzene-d4	13.853	152	109301	26.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	90678	25.26	ug/L	92
3) Chloromethane	2.215	50	56995	24.22	ug/L	99
5) Vinyl chloride	2.367	62	91672	25.36	ug/L	98
6) Bromomethane	2.782	94	67517	25.12	ug/L	100
8) Chloroethane	2.928	64	53046	25.57	ug/L	97
9) Trichlorofluoromethane	3.263	101	81755	26.82	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	98869	26.83	ug/L	98
12) 1,1-Dichloroethene	4.050	96	92432	27.19	ug/L	97
13) Acetone	4.123	43	25254	48.51	ug/L	98
14) Carbon disulfide	4.391	76	255835	25.84	ug/L	99
15) Methyl Acetate	4.672	43	30291	26.92	ug/L	99
16) Methylene chloride	4.921	84	97577	24.71	ug/L	97
17) Methyl tert-butyl Ether	5.427	73	103376	26.51	ug/L #	89
18) trans-1,2-Dichloroethene	5.421	96	98000	27.13	ug/L	94
19) 1,1-Dichloroethane	6.220	63	160656	27.14	ug/L	96
21) 2-Butanone	7.171	43	39042	54.14	ug/L	98
22) cis-1,2-Dichloroethene	7.171	96	100502	26.59	ug/L	94
23) Bromochloromethane	7.512	128	46293	27.21	ug/L	93
25) Chloroform	7.677	83	186229	27.45	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	122540	27.24	ug/L	97
30) Cyclohexane	7.958	56	136197	27.09	ug/L	100
31) 1,1,1-Trichloroethane	7.872	97	157890	27.45	ug/L	99
32) Carbon tetrachloride	8.067	117	153418	27.70	ug/L	98
34) Benzene	8.323	78	371632	27.71	ug/L	100
35) Trichloroethene	9.091	95	104914	26.69	ug/L	98
36) Methylcyclohexane	9.335	83	172409	27.27	ug/L	99
40) 1,2-Dichloropropane	9.366	63	84056	26.99	ug/L	100
41) Bromodichloromethane	9.646	83	134648	27.81	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	144606	27.70	ug/L	97
43) 4-Methyl-2-pentanone	10.207	43	88726	54.88	ug/L	99
44) Toluene	10.390	91	406736	27.07	ug/L	99
45) trans-1,3-Dichloropropene	10.603	75	129004	27.66	ug/L	97
46) 1,1,2-Trichloroethane	10.786	97	71336	27.88	ug/L	98
47) Tetrachloroethene	10.859	164	79320	26.95	ug/L	87
49) 2-Hexanone	10.969	43	61539	55.21	ug/L	98
50) Dibromochloromethane	11.128	129	85911	27.30	ug/L	94
51) 1,2-Dibromoethane	11.237	107	66938	26.55	ug/L	96
52) Chlorobenzene	11.658	112	257984	26.50	ug/L	98
53) Ethylbenzene	11.731	91	474255	27.47	ug/L	99
54) m,p-Xylene	11.835	106	179865	27.49	ug/L	99
55) o-xylene	12.164	106	167544	27.38	ug/L	99
56) Styrene	12.182	104	289481	27.65	ug/L	97
57) Isopropylbenzene	12.463	105	481751	27.76	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	79779	27.03	ug/L	91
59) 1,2,3-Trichloropropane	12.768	75	61446	27.47	ug/L	100
62) Bromoform	12.347	173	44590	26.31	ug/L	100
63) 1,3-Dichlorobenzene	13.499	146	200547	26.21	ug/L	97
64) 1,4-Dichlorobenzene	13.578	146	204319	26.99	ug/L	92
65) 1,2-Dichlorobenzene	13.871	146	181947	26.43	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.487	75	14249	26.51	ug/L #	88
67) 1,3,5-Trichlorobenzene	14.627	180	133653	23.93	ug/L	91
68) 1,2,4-trichlorobenzene	15.133	180	113111	24.68	ug/L	85
69) Naphthalene	15.365	128	241642	26.79	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	105475	26.45	ug/L	95

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

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