

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040521\
 Data File : VW018556.D
 Acq On : 05 Apr 2021 14:57
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Apr 06 01:19:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 06 01:17:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	489996	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	455455	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	242685	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	186364	27.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.32%
7) Chloroethane-d5	2.891	69	155626	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.28%
10) 1,1-Dichloroethene-d2	4.025	63	307767	26.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.56%
20) 2-Butanone-d5	7.080	46	76334	50.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.56%
24) Chloroform-d	7.647	84	330336	26.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.88%
26) 1,2-Dichloroethane-d4	8.305	65	189753	26.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.20%
29) Benzene-d6	8.275	84	632640	26.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.52%
33) 1,2-Dichloropropane-d6	9.274	67	182300	26.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.40%
37) Toluene-d8	10.323	98	623421	26.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.96%
38) trans-1,3-Dichloroprop...	10.573	79	86750	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.32%
39) 2-Hexanone-d5	10.927	63	63180	46.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.44%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	165636	26.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.04%
61) 1,2-Dichlorobenzene-d4	13.853	152	206955	23.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.96%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	136211	24.20	ug/L	98
3) Chloromethane	2.215	50	176098	24.82	ug/L	99
5) Vinyl chloride	2.367	62	258048	27.70	ug/L	98
6) Bromomethane	2.782	94	180001	26.76	ug/L	99
8) Chloroethane	2.928	64	158308	27.25	ug/L	95
9) Trichlorofluoromethane	3.263	101	132778	28.33	ug/L	97
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	178072	29.55	ug/L	99
12) 1,1-Dichloroethene	4.044	96	173708	28.24	ug/L	97
13) Acetone	4.123	43	56420	51.74	ug/L	100
14) Carbon disulfide	4.385	76	517042	27.91	ug/L	98
15) Methyl Acetate	4.665	43	67408	27.03	ug/L	96
16) Methylene chloride	4.915	84	185439	23.07	ug/L	93
17) Methyl tert-butyl Ether	5.428	73	231615	25.78	ug/L	99
18) trans-1,2-Dichloroethene	5.428	96	188293	27.73	ug/L	97
19) 1,1-Dichloroethane	6.214	63	321327	27.73	ug/L	98
21) 2-Butanone	7.171	43	86187	49.74	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	201438	28.20	ug/L	99
23) Bromochloromethane	7.519	128	88498	28.00	ug/L	95
25) Chloroform	7.671	83	350848	28.53	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	239869	27.50	ug/L	97
30) Cyclohexane	7.958	56	282535	26.13	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	293498	28.83	ug/L	97
32) Carbon tetrachloride	8.067	117	273876	28.87	ug/L	99
34) Benzene	8.323	78	742818	28.16	ug/L	100
35) Trichloroethene	9.092	95	200105	27.46	ug/L	97
36) Methylcyclohexane	9.335	83	344819	27.02	ug/L	100
40) 1,2-Dichloropropane	9.366	63	176428	27.34	ug/L	99
41) Bromodichloromethane	9.646	83	253724	27.82	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	295759	27.11	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	200563	51.69	ug/L	97
44) Toluene	10.390	91	849632	28.33	ug/L	96
45) trans-1,3-Dichloropropene	10.603	75	261531	26.69	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	142912	27.78	ug/L	99
47) Tetrachloroethene	10.860	164	156255	28.24	ug/L	96
49) 2-Hexanone	10.969	43	134802	49.10	ug/L	98
50) Dibromochloromethane	11.128	129	172547	28.44	ug/L	96
51) 1,2-Dibromoethane	11.237	107	141533	27.78	ug/L	97
52) Chlorobenzene	11.658	112	531566	27.95	ug/L	97
53) Ethylbenzene	11.731	91	938546	27.76	ug/L	99
54) m,p-Xylene	11.835	106	361066	27.95	ug/L	100
55) o-xylene	12.164	106	347799	28.24	ug/L	99
56) Styrene	12.182	104	582255	27.72	ug/L	99
57) Isopropylbenzene	12.463	105	955556	28.53	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	173109	27.80	ug/L	94
59) 1,2,3-Trichloropropane	12.768	75	128468	27.33	ug/L	100
62) Bromoform	12.347	173	94356	25.35	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	408170	26.28	ug/L	98
64) 1,4-Dichlorobenzene	13.579	146	408114	26.04	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	367649	26.48	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	27508	21.92	ug/L	90
67) 1,3,5-Trichlorobenzene	14.627	180	283602	25.32	ug/L	96
68) 1,2,4-trichlorobenzene	15.133	180	240234	25.20	ug/L	94
69) Naphthalene	15.365	128	486686	24.52	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	204260	24.56	ug/L	99

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

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