

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012621\
 Data File : VW017990.D
 Acq On : 26 Jan 2021 14:38
 Operator : SY/VA
 Sample : VSTD02505
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

Quant Time: Jan 26 15:53:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012621S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 26 15:52:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	388093	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	355064	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	186355	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	118506	20.35	ug/L	0.00
7) Chloroethane-d5	2.892	69	116181	23.37	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.025	63	229360	21.60	ug/L	0.00
20) 2-Butanone-d5	7.074	46	53715	40.02	ug/L	0.00
24) Chloroform-d	7.647	84	249775	23.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	130663	22.56	ug/L	0.00
29) Benzene-d6	8.275	84	479146	23.80	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.275	67	136858	23.89	ug/L	0.00
37) Toluene-d8	10.323	98	453376	24.03	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	58132	22.75	ug/L	0.00
39) 2-Hexanone-d5	10.927	63	42580	44.37	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.695	84	108786	22.32	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	156893	24.36	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	144607	29.68	ug/L	94
3) Chloromethane	2.215	50	135465	29.64	ug/L	97
5) Vinyl chloride	2.367	62	146282	23.14	ug/L	97
6) Bromomethane	2.782	94	117957	22.81	ug/L	99
8) Chloroethane	2.928	64	103130	25.56	ug/L	96
9) Trichlorofluoromethane	3.263	101	102013	21.58	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	128891	23.96	ug/L #	72
12) 1,1-Dichloroethene	4.050	96	120564	24.02	ug/L	90
13) Acetone	4.117	43	37885	38.83	ug/L	89
14) Carbon disulfide	4.391	76	371310	23.92	ug/L	98
15) Methyl Acetate	4.672	43	46725	19.94	ug/L	95
16) Methylene chloride	4.916	84	127882	22.80	ug/L	98
17) Methyl tert-butyl Ether	5.422	73	132188	20.32	ug/L #	85
18) trans-1,2-Dichloroethene	5.422	96	133531	24.44	ug/L	96
19) 1,1-Dichloroethane	6.214	63	228759	24.62	ug/L	96
21) 2-Butanone	7.165	43	62773	42.17	ug/L	100
22) cis-1,2-Dichloroethene	7.165	96	140598	24.36	ug/L	97
23) Bromochloromethane	7.513	128	60333	23.31	ug/L	93
25) Chloroform	7.677	83	241740	24.38	ug/L	100
27) 1,2-Dichloroethane	8.403	62	158432	23.55	ug/L	98
30) Cyclohexane	7.958	56	213513	24.61	ug/L	100
31) 1,1,1-Trichloroethane	7.872	97	193310	23.65	ug/L	97
32) Carbon tetrachloride	8.067	117	182609	23.43	ug/L	100
34) Benzene	8.323	78	518976	24.70	ug/L	100
35) Trichloroethene	9.092	95	143046	24.72	ug/L	95
36) Methylcyclohexane	9.335	83	248837	24.84	ug/L	98
40) 1,2-Dichloropropane	9.366	63	124860	24.56	ug/L	98
41) Bromodichloromethane	9.640	83	167987	24.15	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	194727	24.32	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	142366	44.48	ug/L	98
44) Toluene	10.390	91	574820	24.78	ug/L	98
45) trans-1,3-Dichloropropene	10.604	75	162762	23.63	ug/L	100

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46) 1,1,2-Trichloroethane	10.786	97	95203	23.79	ug/L	97
47) Tetrachloroethene	10.860	164	111903	24.65	ug/L	95
49) 2-Hexanone	10.969	43	98340	45.32	ug/L	91
50) Dibromochloromethane	11.128	129	111413	23.26	ug/L	97
51) 1,2-Dibromoethane	11.238	107	87870	22.14	ug/L #	99
52) Chlorobenzene	11.658	112	366003	24.42	ug/L	96
53) Ethylbenzene	11.731	91	654017	24.98	ug/L	97
54) m,p-Xylene	11.841	106	254399	24.97	ug/L	99
55) o-xylene	12.164	106	233978	24.92	ug/L	98
56) Styrene	12.183	104	404682	25.35	ug/L	99
57) Isopropylbenzene	12.463	105	665583	25.35	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	107394	22.30	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	79537	21.94	ug/L	98
62) Bromoform	12.347	173	57967	22.50	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	288229	24.70	ug/L	95
64) 1,4-Dichlorobenzene	13.579	146	287544	24.43	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	261413	24.99	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	16963	20.69	ug/L	83
67) 1,3,5-Trichlorobenzene	14.627	180	206050	25.32	ug/L	97
68) 1,2,4-trichlorobenzene	15.133	180	170368	24.53	ug/L	94
69) Naphthalene	15.365	128	328989	23.08	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	147141	24.47	ug/L	98

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

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