

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012621\
 Data File : VW017994.D
 Acq On : 26 Jan 2021 17:25
 Operator : SY/VA
 Sample : VSTD2.503
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.503

Manual Integrations
 APPROVED

MMDadoda
 1/29/2021 11:57:31 AM

Quant Time: Jan 26 17:59:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012621S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 26 17:58:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	390770	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	350362	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	176924	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	11748	2.50	ug/L	0.00
7) Chloroethane-d5	2.891	69	13709	2.79	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.019	63	26623	2.80	ug/L	0.00
20) 2-Butanone-d5	7.086	46	6995m	6.01	ug/L	0.01
24) Chloroform-d	7.647	84	29030	2.83	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	14864	2.79	ug/L	0.00
29) Benzene-d6	8.275	84	55093	2.86	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	15497	2.87	ug/L	0.00
37) Toluene-d8	10.323	98	50757	2.80	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	5695	2.49	ug/L	0.00
39) 2-Hexanone-d5	10.920	63	4434	5.27	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.695	84	12031	2.82	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	17327	2.87	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	13970	2.48	ug/L	97
3) Chloromethane	2.215	50	14941	2.72	ug/L	97
5) Vinyl chloride	2.361	62	12621	2.31	ug/L	92
6) Bromomethane	2.776	94	12995	2.67	ug/L	100
8) Chloroethane	2.922	64	10978	2.64	ug/L	100
9) Trichlorofluoromethane	3.257	101	11309	2.66	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.056	101	15675m	3.31	ug/L	
12) 1,1-Dichloroethene	4.038	96	13131	2.71	ug/L #	79
13) Acetone	4.117	43	8093m	9.94	ug/L	
14) Carbon disulfide	4.391	76	33804	2.40	ug/L #	88
15) Methyl Acetate	4.678	43	5736m	3.04	ug/L	
16) Methylene chloride	4.915	84	26497	4.21	ug/L	96
17) Methyl tert-butyl Ether	5.428	73	14724	2.76	ug/L #	81
18) trans-1,2-Dichloroethene	5.421	96	15203	2.79	ug/L	96
19) 1,1-Dichloroethane	6.220	63	25680	2.75	ug/L	98
21) 2-Butanone	7.177	43	6652	5.17	ug/L	90
22) cis-1,2-Dichloroethene	7.171	96	14818	2.65	ug/L	97
23) Bromochloromethane	7.519	128	6620	2.65	ug/L	89
25) Chloroform	7.677	83	27905	2.82	ug/L	98
27) 1,2-Dichloroethane	8.403	62	17188	2.71	ug/L #	93
30) Cyclohexane	7.952	56	23161	2.77	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	21514	2.80	ug/L	94
32) Carbon tetrachloride	8.067	117	21054	2.88	ug/L	98
34) Benzene	8.323	78	58782	2.84	ug/L	100
35) Trichloroethene	9.092	95	16732	2.94	ug/L	91
36) Methylcyclohexane	9.335	83	26948	2.75	ug/L	97
40) 1,2-Dichloropropane	9.366	63	14541	2.89	ug/L	98
41) Bromodichloromethane	9.640	83	17610	2.64	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	18075	2.44	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	14544	5.20	ug/L	98
44) Toluene	10.390	91	62303	2.73	ug/L	97
45) trans-1,3-Dichloropropene	10.610	75	15314	2.42	ug/L	98

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46) 1,1,2-Trichloroethane	10.786	97	9747	2.65	ug/L	91
47) Tetrachloroethene	10.860	164	13009	2.85	ug/L	89
49) 2-Hexanone	10.969	43	10005	5.17	ug/L	89
50) Dibromochloromethane	11.128	129	10790	2.50	ug/L	92
51) 1,2-Dibromoethane	11.231	107	9680	2.73	ug/L	98
52) Chlorobenzene	11.658	112	41271	2.82	ug/L	97
53) Ethylbenzene	11.731	91	71312	2.74	ug/L	96
54) m,p-Xylene	11.835	106	27209	2.73	ug/L	100
55) o-xylene	12.164	106	24070	2.61	ug/L	94
56) Styrene	12.182	104	39170	2.51	ug/L	99
57) Isopropylbenzene	12.463	105	69673	2.68	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.713	83	11693	2.73	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	8419	2.70	ug/L	90
62) Bromoform	12.347	173	5345	2.41	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	31741	2.83	ug/L	88
64) 1,4-Dichlorobenzene	13.579	146	32661	2.91	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	27560	2.75	ug/L #	89
66) 1,2-Dibromo-3-chloropr...	14.481	75	1750	2.67	ug/L #	64
67) 1,3,5-Trichlorobenzene	14.627	180	22760	2.86	ug/L	96
68) 1,2,4-trichlorobenzene	15.133	180	19271	2.92	ug/L	95
69) Naphthalene	15.365	128	32518	2.62	ug/L	98
70) 1,2,3-Trichlorobenzene	15.554	180	16448	2.92	ug/L	97

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

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