

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102821\
 Data File : VW023078.D
 Acq On : 28 Oct 2021 16:26
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050265

Manual Integrations
 APPROVED

SAM

11/1/2021 6:35:26 PM

Quant Time: Oct 29 01:32:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 01:30:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	300681	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	296082	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	166540	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	101160	53.114	ug/L	0.00
7) Chloroethane-d5	1.568	69	78034	52.499	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	192238	51.646	ug/L	0.00
21) 2-Butanone-d5	3.873	46	155382	136.260	ug/L	0.00
24) Chloroform-d	4.349	84	216639	60.191	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	128761	61.513	ug/L	0.00
32) Benzene-d6	5.050	84	413265	57.920	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	127987	58.212	ug/L	0.00
41) Toluene-d8	7.317	98	383023	58.579	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	63650	60.817	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	117657	126.241	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	187006	60.709	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	156709	55.879	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	145867	48.575	ug/L	100
3) Chloromethane	1.243	50	133818	45.358	ug/L	100
5) Vinyl chloride	1.310	62	136117	48.216	ug/L	100
6) Bromomethane	1.523	94	74849	39.535	ug/L	100
8) Chloroethane	1.584	64	81528	47.505	ug/L	100
9) Trichlorofluoromethane	1.754	101	205356	52.075	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	110096	49.814	ug/L	100
12) 1,1-Dichloroethene	2.121	96	99413	47.595	ug/L	100
13) Acetone	2.166	43	159675m	113.583	ug/L	
14) Carbon disulfide	2.294	76	303624	47.929	ug/L	100
15) Methyl Acetate	2.426	43	127779	52.805	ug/L	100
16) Methylene chloride	2.507	84	128170	48.246	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	117324	50.352	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	356136	49.973	ug/L	100
19) 1,1-Dichloroethane	3.191	63	215626	51.788	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	127320	51.190	ug/L	100
22) 2-Butanone	3.957	43	188947	106.456	ug/L	100
23) Bromochloromethane	4.246	128	69725	51.100	ug/L	100
25) Chloroform	4.375	83	225014	53.461	ug/L	100
27) 1,2-Dichloroethane	5.130	62	167856	54.637	ug/L	100
29) Cyclohexane	4.680	56	184097	52.630	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	198684	52.797	ug/L	100
31) Carbon tetrachloride	4.828	117	179519	54.047	ug/L	100
33) Benzene	5.098	78	484002	52.160	ug/L	100
34) Trichloroethene	5.915	95	120849	50.354	ug/L	100
35) Methylcyclohexane	6.130	83	200364	54.332	ug/L	100
37) 1,2-Dichloropropane	6.172	63	124834	52.491	ug/L	100
38) Bromodichloromethane	6.510	83	164986	53.338	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	194068	54.471	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	333023	100.852	ug/L	100
42) Toluene	7.387	91	527377	53.959	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	189278	54.947	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	125333	51.377	ug/L	100
46) Tetrachloroethene	7.976	164	106676	52.701	ug/L	100
48) 2-Hexanone	8.137	43	271543	105.136	ug/L	100
49) Dibromochloromethane	8.246	129	144000	54.234	ug/L	100
50) 1,2-Dibromoethane	8.352	107	132372	50.640	ug/L	100
51) Chlorobenzene	8.883	112	339218	52.139	ug/L	100
52) Ethylbenzene	9.011	91	555538	54.437	ug/L	100
53) m,p-Xylene	9.140	106	219944	54.427	ug/L	100
54) o-Xylene	9.545	106	213946	54.513	ug/L	100
55) Styrene	9.561	104	380682	56.284	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	200400	52.843	ug/L	100
59) Bromoform	9.731	173	105879	51.356	ug/L	100
60) Isopropylbenzene	9.931	105	566386	52.771	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	156757	49.287	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	474708	52.779	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	484210	53.956	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	279886	51.530	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	284392	50.448	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	277198	50.201	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	42455	48.880	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	207446	51.486	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	182432	50.562	ug/L	100
71) Naphthalene	13.503	128	608348	51.488	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	193794	51.738	ug/L	100

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

