

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028773.D
 Acq On : 31 Oct 2022 11:44
 Operator : SY/MD
 Sample : VSTD01071
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010271

Quant Time: Nov 01 02:58:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 02:57:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	425943	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	386756	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	178897	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39488	11.670	ug/L	0.00
7) Chloroethane-d5	1.564	69	33188	12.169	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	75462	12.653	ug/L	0.00
21) 2-Butanone-d5	3.889	46	54733	18.586	ug/L	0.02
24) Chloroform-d	4.346	84	58517	9.758	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	38784	9.977	ug/L	0.00
32) Benzene-d6	5.050	84	115502	9.426	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	40431	10.022	ug/L	0.00
41) Toluene-d8	7.313	98	100564	9.176	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	14358	7.369	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	33227	15.639	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	53911	9.838	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	34463	9.486	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	32461	10.197	ug/L	99
3) Chloromethane	1.240	50	56635	14.449	ug/L	99
5) Vinyl chloride	1.310	62	51681	13.442	ug/L	98
6) Bromomethane	1.519	94	26681	14.535	ug/L	94
8) Chloroethane	1.581	64	29021	12.304	ug/L	96
9) Trichlorofluoromethane	1.751	101	59909	12.763	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	33667	12.619	ug/L	98
12) 1,1-Dichloroethene	2.114	96	32173	12.287	ug/L	90
13) Acetone	2.162	43	56415	22.814	ug/L	98
14) Carbon disulfide	2.291	76	88420	10.930	ug/L	100
15) Methyl Acetate	2.429	43	50644	12.545	ug/L	98
16) Methylene chloride	2.503	84	41209	12.418	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	31033	10.548	ug/L	94
18) Methyl tert-butyl Ether	2.764	73	108089	10.157	ug/L	98
19) 1,1-Dichloroethane	3.188	63	68901	11.342	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	34716	10.476	ug/L #	95
22) 2-Butanone	3.969	43	67019	21.599	ug/L	98
23) Bromochloromethane	4.246	128	16271	10.161	ug/L	92
25) Chloroform	4.371	83	65351	11.166	ug/L	99
27) 1,2-Dichloroethane	5.130	62	52977	11.632	ug/L	98
29) Cyclohexane	4.674	56	62166	10.955	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	50508	10.195	ug/L	98
31) Carbon tetrachloride	4.825	117	39583	9.607	ug/L	99
33) Benzene	5.098	78	143597	11.117	ug/L	100
34) Trichloroethene	5.915	95	32293	10.246	ug/L	96
35) Methylcyclohexane	6.127	83	55815	10.096	ug/L	97
37) 1,2-Dichloropropane	6.172	63	38396	11.060	ug/L	99
38) Bromodichloromethane	6.510	83	41752	9.465	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	46987	8.739	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	127202	21.469	ug/L	98
42) Toluene	7.384	91	142026	10.701	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	42418	8.261	ug/L	97

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45) 1,1,2-Trichloroethane	7.834	97	33727	10.637	ug/L	96
46) Tetrachloroethene	7.973	164	21573	9.568	ug/L	95
48) 2-Hexanone	8.140	43	93148	20.386	ug/L	99
49) Dibromochloromethane	8.243	129	29401	8.894	ug/L	98
50) 1,2-Dibromoethane	8.349	107	33608	10.307	ug/L	100
51) Chlorobenzene	8.876	112	86156	10.432	ug/L	98
52) Ethylbenzene	9.008	91	146114	10.116	ug/L	99
53) m,p-Xylene	9.133	106	51729	9.509	ug/L	95
54) o-Xylene	9.538	106	53613	9.868	ug/L	97
55) Styrene	9.554	104	88903	9.522	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	59024	10.734	ug/L	97
59) Bromoform	9.725	173	16875	7.961	ug/L	99
60) Isopropylbenzene	9.924	105	141759	10.899	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	46160	11.886	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	115447	10.311	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	113330	10.194	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	58671	10.407	ug/L	97
65) 1,4-Dichlorobenzene	11.265	146	59111	10.496	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	60667	10.667	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	10679	9.336	ug/L	99
69) 1,3,5-Trichlorobenzene	12.638	180	39649	9.384	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	31896	8.677	ug/L	97
71) Naphthalene	13.493	128	93795	8.103	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	31692	8.730	ug/L	98

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

