

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028774.D
 Acq On : 31 Oct 2022 12:08
 Operator : SY/MD
 Sample : VSTD05072
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050272

Quant Time: Nov 01 02:58:57 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	440053	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	410059	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	205880	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	207229	59.281	ug/L	0.00
7) Chloroethane-d5	1.561	69	175252	62.201	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	401603	65.180	ug/L	0.00
21) 2-Butanone-d5	3.870	46	321291	105.606	ug/L	0.00
24) Chloroform-d	4.342	84	321087	51.824	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	213260	53.103	ug/L	0.00
32) Benzene-d6	5.043	84	655675	50.468	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	226163	52.873	ug/L	0.00
41) Toluene-d8	7.310	98	584350	50.291	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	86746	41.989	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	207652	92.183	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	292814	50.396	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	201750	48.254	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	161953	49.241	ug/L	100
3) Chloromethane	1.240	50	272065	67.184	ug/L	100
5) Vinyl chloride	1.310	62	248221	62.493	ug/L	100
6) Bromomethane	1.516	94	132016	69.612	ug/L	100
8) Chloroethane	1.577	64	158205	64.921	ug/L	100
9) Trichlorofluoromethane	1.748	101	295007	60.834	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	168433	61.109	ug/L	100
12) 1,1-Dichloroethene	2.114	96	165645	61.231	ug/L	100
13) Acetone	2.159	43	335573	131.353	ug/L	100
14) Carbon disulfide	2.291	76	453063	54.209	ug/L	100
15) Methyl Acetate	2.423	43	253180	60.704	ug/L	100
16) Methylene chloride	2.503	84	190254	55.492	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	160782	52.895	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	554206	50.409	ug/L	100
19) 1,1-Dichloroethane	3.185	63	349510	55.689	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	177692	51.901	ug/L	100
22) 2-Butanone	3.950	43	381820	119.109	ug/L	100
23) Bromochloromethane	4.239	128	84913	51.325	ug/L	100
25) Chloroform	4.368	83	324105	53.601	ug/L	100
27) 1,2-Dichloroethane	5.124	62	266463	56.629	ug/L	100
29) Cyclohexane	4.670	56	332959	55.341	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	262449	49.963	ug/L	100
31) Carbon tetrachloride	4.821	117	208847	47.809	ug/L	100
33) Benzene	5.095	78	740476	54.068	ug/L	100
34) Trichloroethene	5.908	95	168130	50.315	ug/L	100
35) Methylcyclohexane	6.127	83	305666	52.150	ug/L	100
37) 1,2-Dichloropropane	6.169	63	206802	56.183	ug/L	100
38) Bromodichloromethane	6.503	83	231829	49.570	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	286383	50.240	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	690779	109.963	ug/L	100
42) Toluene	7.381	91	753178	53.522	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	263265	48.358	ug/L	100

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45) 1,1,2-Trichloroethane	7.831	97	172540	51.322	ug/L	100
46) Tetrachloroethene	7.969	164	119291	49.899	ug/L	100
48) 2-Hexanone	8.133	43	535061	110.446	ug/L	100
49) Dibromochloromethane	8.239	129	160538	45.806	ug/L	100
50) 1,2-Dibromoethane	8.345	107	174942	50.602	ug/L	100
51) Chlorobenzene	8.876	112	452012	51.620	ug/L	100
52) Ethylbenzene	9.005	91	813741	53.138	ug/L	100
53) m,p-Xylene	9.133	106	298385	51.733	ug/L	100
54) o-Xylene	9.535	106	296346	51.445	ug/L	100
55) Styrene	9.554	104	515962	52.123	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	312485	53.600	ug/L	100
59) Bromoform	9.725	173	102804	42.142	ug/L	100
60) Isopropylbenzene	9.924	105	791359	52.868	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	243136	54.399	ug/L	100
62) 1,3,5-Trimethylbenzene	10.532	105	667440	51.798	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	663102	51.830	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	329322	50.760	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	331106	51.085	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	333572	50.963	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.419	75	60528	45.980	ug/L	100
69) 1,3,5-Trichlorobenzene	12.635	180	233216	47.961	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	198429	46.907	ug/L	100
71) Naphthalene	13.490	128	651095	48.876	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	208997	50.024	ug/L	100

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

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