

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062922\
 Data File : VW026593.D
 Acq On : 29 Jun 2022 16:41
 Operator : SY/MD
 Sample : VSTD05027
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050227

Quant Time: Jun 30 03:09:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 30 03:07:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	403652	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	396959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	226771	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	161705	33.161	ug/L	0.00
7) Chloroethane-d5	1.580	69	141759	33.211	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	308849	35.701	ug/L	0.00
21) 2-Butanone-d5	3.912	46	171147	79.611	ug/L	0.00
24) Chloroform-d	4.358	84	319798	44.474	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	178494	41.772	ug/L	0.00
32) Benzene-d6	5.056	84	622733	45.583	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	191589	45.599	ug/L	0.00
41) Toluene-d8	7.317	98	561860	44.818	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	80304	42.968	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	142490	92.389	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	281320	49.077	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	217377	43.995	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.146	85	145517	36.776	ug/L	100
3) Chloromethane	1.256	50	180254	37.227	ug/L	100
5) Vinyl chloride	1.323	62	188846	38.317	ug/L	100
6) Bromomethane	1.535	94	114862	38.466	ug/L	100
8) Chloroethane	1.600	64	125619	35.001	ug/L	100
9) Trichlorofluoromethane	1.767	101	265131	37.720	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	156358	41.439	ug/L	100
12) 1,1-Dichloroethene	2.130	96	153146	41.267	ug/L	100
13) Acetone	2.201	43	112922	76.990	ug/L	100
14) Carbon disulfide	2.307	76	427877	45.781	ug/L	100
15) Methyl Acetate	2.452	43	129182	40.630	ug/L	100
16) Methylene chloride	2.519	84	178772	48.127	ug/L	100
17) trans-1,2-Dichloroethene	2.773	96	159739	48.536	ug/L	100
18) Methyl tert-butyl Ether	2.786	73	452976	47.580	ug/L	100
19) 1,1-Dichloroethane	3.204	63	290544	47.552	ug/L	100
20) cis-1,2-Dichloroethene	3.924	96	171395	48.322	ug/L	100
22) 2-Butanone	3.995	43	168886	84.779	ug/L	100
23) Bromochloromethane	4.259	128	92802	49.502	ug/L	100
25) Chloroform	4.387	83	308263	47.492	ug/L	100
27) 1,2-Dichloroethane	5.137	62	211441	43.960	ug/L	100
29) Cyclohexane	4.686	56	223020	46.759	ug/L	100
30) 1,1,1-Trichloroethane	4.619	97	261778	48.276	ug/L	100
31) Carbon tetrachloride	4.838	117	223154	48.967	ug/L	100
33) Benzene	5.108	78	671156	49.972	ug/L	100
34) Trichloroethene	5.918	95	161538	46.462	ug/L	100
35) Methylcyclohexane	6.136	83	260402	49.400	ug/L	100
37) 1,2-Dichloropropane	6.178	63	169009	50.243	ug/L	100
38) Bromodichloromethane	6.513	83	219609	48.239	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	239223	49.465	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	374301	96.252	ug/L	100
42) Toluene	7.390	91	722467	50.123	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	223916	48.460	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	175666	50.814	ug/L	100
46) Tetrachloroethene	7.976	164	131831	50.400	ug/L	100
48) 2-Hexanone	8.140	43	290677	96.593	ug/L	100
49) Dibromochloromethane	8.246	129	169916	49.755	ug/L	100
50) 1,2-Dibromoethane	8.352	107	178931	50.746	ug/L	100
51) Chlorobenzene	8.882	112	458649	49.509	ug/L	100
52) Ethylbenzene	9.011	91	732129	49.325	ug/L	100
53) m,p-Xylene	9.140	106	293211	50.751	ug/L	100
54) o-Xylene	9.545	106	281667	49.745	ug/L	100
55) Styrene	9.561	104	508450	51.452	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	273623	52.487	ug/L	100
59) Bromoform	9.731	173	99404	45.590	ug/L	100
60) Isopropylbenzene	9.931	105	727748	47.851	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	201880	45.151	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	592520	67.839	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	598933	49.113	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	350339	48.255	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	358687	47.225	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	357827	47.663	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	44827	43.981	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	239554	47.715	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	200718	47.082	ug/L	100
71) Naphthalene	13.500	128	609578	48.433	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	209558	48.227	ug/L	100

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

