

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062922\
 Data File : VW026592.D
 Acq On : 29 Jun 2022 16:17
 Operator : SY/MD
 Sample : VSTD01026
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010226

Quant Time: Jun 30 03:08:30 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	5.619	114	385579	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	382130	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	198537	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	33032	7.091	ug/L	0.00
7) Chloroethane-d5	1.580	69	27476	6.739	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	60721	7.348	ug/L	0.00
21) 2-Butanone-d5	3.937	46	23320	11.356	ug/L	0.03
24) Chloroform-d	4.358	84	60372	8.789	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	35791	8.769	ug/L	0.00
32) Benzene-d6	5.056	84	113527	8.632	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	35324	8.734	ug/L	0.00
41) Toluene-d8	7.317	98	95111	7.881	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	12270	6.820	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	19982	13.459	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52282	9.475	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	39282	9.081	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	29057	7.688	ug/L	97
3) Chloromethane	1.252	50	34951	7.557	ug/L	99
5) Vinyl chloride	1.323	62	35488	7.538	ug/L #	81
6) Bromomethane	1.535	94	21705	7.609	ug/L	99
8) Chloroethane	1.597	64	23316	6.801	ug/L	92
9) Trichlorofluoromethane	1.767	101	51911	7.732	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	31710	8.798	ug/L	99
12) 1,1-Dichloroethene	2.130	96	29423	8.300	ug/L	98
13) Acetone	2.211	43	25851	18.451	ug/L	97
14) Carbon disulfide	2.304	76	79450	8.899	ug/L	100
15) Methyl Acetate	2.458	43	23541	7.751	ug/L	99
16) Methylene chloride	2.519	84	34202	9.639	ug/L	97
17) trans-1,2-Dichloroethene	2.773	96	28392	9.031	ug/L	99
18) Methyl tert-butyl Ether	2.783	73	73880	8.124	ug/L	99
19) 1,1-Dichloroethane	3.201	63	52850	9.055	ug/L	99
20) cis-1,2-Dichloroethene	3.924	96	28757	8.488	ug/L	98
22) 2-Butanone	4.014	43	21143	11.111	ug/L	89
23) Bromochloromethane	4.262	128	18202	10.164	ug/L	87
25) Chloroform	4.387	83	55663	8.978	ug/L	97
27) 1,2-Dichloroethane	5.143	62	36756	8.000	ug/L	97
29) Cyclohexane	4.683	56	35615	7.757	ug/L	98
30) 1,1,1-Trichloroethane	4.616	97	48144	9.223	ug/L	98
31) Carbon tetrachloride	4.834	117	39939	9.104	ug/L	100
33) Benzene	5.108	78	114912	8.888	ug/L	100
34) Trichloroethene	5.921	95	29789	8.900	ug/L	98
35) Methylcyclohexane	6.133	83	42092	8.295	ug/L	97
37) 1,2-Dichloropropane	6.178	63	30624	9.457	ug/L	100
38) Bromodichloromethane	6.513	83	38242	8.726	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	35703	7.669	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	54098	14.451	ug/L	98
42) Toluene	7.391	91	115507	8.324	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	32638	7.338	ug/L	96

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

45) 1,1,2-Trichloroethane	7.841	97	30521	9.171	ug/L	97
46) Tetrachloroethene	7.976	164	24538	9.745	ug/L	97
48) 2-Hexanone	8.146	43	41542	14.340	ug/L	96
49) Dibromochloromethane	8.246	129	27275	8.297	ug/L	98
50) 1,2-Dibromoethane	8.355	107	30977	9.126	ug/L #	98
51) Chlorobenzene	8.882	112	83060	9.314	ug/L	98
52) Ethylbenzene	9.011	91	115845	8.108	ug/L	99
53) m,p-Xylene	9.140	106	45094	8.108	ug/L	96
54) o-Xylene	9.542	106	41372	7.590	ug/L	98
55) Styrene	9.561	104	69019	7.255	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	48143	9.593	ug/L	99
59) Bromoform	9.731	173	14494	7.593	ug/L	98
60) Isopropylbenzene	9.931	105	107091	8.043	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	34764	8.881	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	81890	10.709	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	80056	7.498	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	58507	9.205	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	62558	9.408	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	59041	8.983	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6955	7.794	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	38567	8.774	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	31262	8.376	ug/L	99
71) Naphthalene	13.500	128	78092	7.087	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	31231	8.210	ug/L	99

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

