

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051022\
 Data File : VW025874.D
 Acq On : 10 May 2022 20:43
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050292

Quant Time: May 11 04:27:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 04:11:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	340538	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	342323	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	188739	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	183327	41.713	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.420%
7) Chloroethane-d5	1.571	69	146295	37.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.111	63	354793	46.157	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.320%
21) 2-Butanone-d5	3.905	46	178655	94.841	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.840%
24) Chloroform-d	4.349	84	268077	43.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.340%
26) 1,2-Dichloroethane-d4	5.030	65	163985	44.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.400%
32) Benzene-d6	5.050	84	540140	45.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.520%
36) 1,2-Dichloropropane-d6	6.069	67	167316	45.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.300%
41) Toluene-d8	7.313	98	493235	44.858	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.720%
43) trans-1,3-Dichloroprop...	7.619	79	70377	43.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.020%
47) 2-Hexanone-d5	8.088	63	131957	98.196	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.200%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	224956	46.022	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.040%
66) 1,2-Dichlorobenzene-d4	11.622	152	181477	43.834	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	165533	47.015	ug/L	99
3) Chloromethane	1.243	50	204337	47.987	ug/L	99
5) Vinyl chloride	1.314	62	207954	48.036	ug/L	99
6) Bromomethane	1.526	94	119625	45.475	ug/L	100
8) Chloroethane	1.587	64	133784	41.380	ug/L	100
9) Trichlorofluoromethane	1.754	101	281087	45.689	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	155847	47.679	ug/L	99
12) 1,1-Dichloroethene	2.121	96	157830	49.094	ug/L	95
13) Acetone	2.201	43	132057	102.731	ug/L	95
14) Carbon disulfide	2.294	76	388959	48.914	ug/L	99
15) Methyl Acetate	2.442	43	135648	49.255	ug/L	99
16) Methylene chloride	2.510	84	151405	48.621	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	134201	48.588	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	406006	50.542	ug/L	100
19) 1,1-Dichloroethane	3.191	63	253666	49.170	ug/L	98
20) cis-1,2-Dichloroethene	3.911	96	141007	47.296	ug/L	98
22) 2-Butanone	3.989	43	168528	98.308	ug/L	97
23) Bromochloromethane	4.249	128	75155	47.725	ug/L	94
25) Chloroform	4.374	83	260746	47.696	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	199232	48.203	ug/L	99
29) Cyclohexane	4.677	56	210513	50.795	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	225245	48.449	ug/L	98
31) Carbon tetrachloride	4.828	117	186146	47.691	ug/L	100
33) Benzene	5.098	78	582999	50.579	ug/L	100
34) Trichloroethene	5.915	95	145503	48.263	ug/L	99
35) Methylcyclohexane	6.130	83	230432	51.034	ug/L	100
37) 1,2-Dichloropropane	6.172	63	148696	51.354	ug/L	99
38) Bromodichloromethane	6.509	83	187789	47.960	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	205394	49.743	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	368490	108.873	ug/L	99
42) Toluene	7.387	91	625392	50.577	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	194161	48.877	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	143966	48.934	ug/L	99
46) Tetrachloroethene	7.976	164	108151	48.632	ug/L	97
48) 2-Hexanone	8.140	43	287978	109.354	ug/L	99
49) Dibromochloromethane	8.242	129	138529	47.736	ug/L	98
50) 1,2-Dibromoethane	8.352	107	147295	49.232	ug/L	98
51) Chlorobenzene	8.879	112	387820	48.979	ug/L	100
52) Ethylbenzene	9.011	91	648597	50.842	ug/L	100
53) m,p-Xylene	9.136	106	254951	51.525	ug/L	99
54) o-Xylene	9.541	106	245250	50.456	ug/L	99
55) Styrene	9.558	104	441612	52.142	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	218195	49.707	ug/L	99
59) Bromoform	9.731	173	87719	48.180	ug/L	99
60) Isopropylbenzene	9.931	105	645505	51.059	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	182295	48.797	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	333265	51.142	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	532257	52.644	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	292614	48.897	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	306519	48.876	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	302333	48.844	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	42323	49.071	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	199180	48.205	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	171969	48.876	ug/L	99
71) Naphthalene	13.500	128	551253	52.903	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	183014	51.043	ug/L	99

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

