

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011322\
 Data File : VW024357.D
 Acq On : 13 Jan 2022 18:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050384

Quant Time: Jan 13 22:26:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	235801	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	219415	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	124625	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	79759	46.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.000%
7) Chloroethane-d5	1.568	69	62574	48.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.080%
11) 1,1-Dichloroethene-d2	2.108	63	155375	48.988	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.980%
21) 2-Butanone-d5	3.883	46	106312	112.441	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.440%
24) Chloroform-d	4.349	84	165672	53.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.840%
26) 1,2-Dichloroethane-d4	5.030	65	106655	51.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.720%
32) Benzene-d6	5.050	84	312676	54.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.220%
36) 1,2-Dichloropropane-d6	6.069	67	89162	55.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.120%
41) Toluene-d8	7.313	98	305175	55.048	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.100%
43) trans-1,3-Dichloroprop...	7.619	79	49765	53.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.720%
47) 2-Hexanone-d5	8.085	63	79932	114.653	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.650%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	125684	54.807	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.620%
66) 1,2-Dichlorobenzene-d4	11.622	152	129944	52.311	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.620%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	81306	42.740	ug/L	99
3) Chloromethane	1.240	50	74069	46.344	ug/L	97
5) Vinyl chloride	1.310	62	80925	47.853	ug/L	94
6) Bromomethane	1.523	94	53379	55.392	ug/L	99
8) Chloroethane	1.584	64	49512	47.433	ug/L	96
9) Trichlorofluoromethane	1.751	101	146608	48.230	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	74971	50.465	ug/L	100
12) 1,1-Dichloroethene	2.117	96	70069	48.784	ug/L	86
13) Acetone	2.175	43	80782	86.536	ug/L	98
14) Carbon disulfide	2.294	76	168123	40.314	ug/L	100
15) Methyl Acetate	2.429	43	73551	54.172	ug/L	99
16) Methylene chloride	2.506	84	79500	50.827	ug/L	96
17) trans-1,2-Dichloroethene	2.760	96	72266	48.827	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	254737	55.845	ug/L	99
19) 1,1-Dichloroethane	3.188	63	133431	54.354	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	83245	52.664	ug/L	98
22) 2-Butanone	3.966	43	104026	104.905	ug/L	94
23) Bromochloromethane	4.249	128	47491	52.142	ug/L	92
25) Chloroform	4.375	83	151601	52.819	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	117482	50.324	ug/L	98
29) Cyclohexane	4.677	56	103729	52.886	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	145138	53.761	ug/L	99
31) Carbon tetrachloride	4.828	117	130500	52.104	ug/L	100
33) Benzene	5.098	78	303991	54.487	ug/L	100
34) Trichloroethene	5.911	95	84270	54.774	ug/L	97
35) Methylcyclohexane	6.130	83	117225	51.375	ug/L	99
37) 1,2-Dichloropropane	6.172	63	74142	56.500	ug/L	99
38) Bromodichloromethane	6.506	83	114561	55.633	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	121487	55.073	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	203273	118.791	ug/L	99
42) Toluene	7.387	91	342549	54.696	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	124611	55.688	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	82955	56.389	ug/L	98
46) Tetrachloroethene	7.976	164	72155	51.527	ug/L	99
48) 2-Hexanone	8.136	43	158147	115.065	ug/L	98
49) Dibromochloromethane	8.246	129	97804	53.038	ug/L	99
50) 1,2-Dibromoethane	8.349	107	87480	55.363	ug/L	100
51) Chlorobenzene	8.879	112	232192	55.045	ug/L	98
52) Ethylbenzene	9.011	91	369118	55.170	ug/L	99
53) m,p-Xylene	9.136	106	148511	55.377	ug/L	96
54) o-Xylene	9.542	106	144085	56.282	ug/L	99
55) Styrene	9.558	104	253139	56.940	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	118856	55.330	ug/L	99
59) Bromoform	9.731	173	72424	50.964	ug/L	98
60) Isopropylbenzene	9.931	105	388857	56.387	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	98089	53.601	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	330929	55.787	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	335089	56.582	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	197036	55.414	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	197860	53.958	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	197559	53.910	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	26918	51.072	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	148214	54.191	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	129060	55.176	ug/L	99
71) Naphthalene	13.500	128	385341	56.941	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	132917	54.982	ug/L	100

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

