

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080422\
 Data File : VV027210.D
 Acq On : 04 Aug 2022 14:00
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV257

Quant Time: Aug 05 02:23:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	381760	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	371404	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	198772	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	123779	47.557	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.120%
7) Chloroethane-d5	1.558	69	89339	46.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.900%
11) 1,1-Dichloroethene-d2	2.101	63	223732	46.994	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.980%
21) 2-Butanone-d5	3.873	46	230280	99.397	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.400%
24) Chloroform-d	4.339	84	250979	47.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	5.024	65	156143	47.171	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.340%
32) Benzene-d6	5.043	84	444632	49.922	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	6.063	67	154362	48.722	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.440%
41) Toluene-d8	7.310	98	403325	53.127	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.260%
43) trans-1,3-Dichloroprop...	7.616	79	68943	49.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.840%
47) 2-Hexanone-d5	8.085	63	161406	105.776	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.780%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	250125	48.445	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.900%
66) 1,2-Dichlorobenzene-d4	11.622	152	169648	49.422	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	160543	47.273	ug/L	99
3) Chloromethane	1.237	50	179281	46.210	ug/L	99
5) Vinyl chloride	1.307	62	180567	46.719	ug/L	98
6) Bromomethane	1.516	94	84028	46.118	ug/L	100
8) Chloroethane	1.577	64	100459	46.657	ug/L	99
9) Trichlorofluoromethane	1.745	101	233939	47.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	131500	47.821	ug/L	98
12) 1,1-Dichloroethene	2.111	96	121627	45.980	ug/L	86
13) Acetone	2.166	43	161449	90.375	ug/L	86
14) Carbon disulfide	2.285	76	443765	49.292	ug/L	100
15) Methyl Acetate	2.426	43	187927	46.251	ug/L #	82
16) Methylene chloride	2.500	84	164120	46.448	ug/L	84
17) trans-1,2-Dichloroethene	2.751	96	140718	48.072	ug/L	90
18) Methyl tert-butyl Ether	2.764	73	427249	49.075	ug/L #	94
19) 1,1-Dichloroethane	3.182	63	273605	46.560	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	149058	49.018	ug/L	88
22) 2-Butanone	3.957	43	255164	104.185	ug/L	99
23) Bromochloromethane	4.240	128	80261	47.265	ug/L	86
25) Chloroform	4.365	83	277300	46.694	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	218090	47.153	ug/L	94
29) Cyclohexane	4.670	56	228222	53.356	ug/L	90
30) 1,1,1-Trichloroethane	4.600	97	241096	48.976	ug/L	97
31) Carbon tetrachloride	4.818	117	205544	48.092	ug/L	98
33) Benzene	5.092	78	604705	50.666	ug/L	100
34) Trichloroethene	5.908	95	151887	49.701	ug/L	95
35) Methylcyclohexane	6.127	83	241618	53.768	ug/L	92
37) 1,2-Dichloropropane	6.166	63	166904	49.916	ug/L	99
38) Bromodichloromethane	6.503	83	212255	48.448	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	223419	50.444	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	501129	105.057	ug/L #	90
42) Toluene	7.384	91	640971	52.820	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	223393	51.325	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	155233	48.169	ug/L	99
46) Tetrachloroethene	7.973	164	112531	50.310	ug/L	98
48) 2-Hexanone	8.137	43	399900	105.263	ug/L #	90
49) Dibromochloromethane	8.243	129	164105	48.173	ug/L	100
50) 1,2-Dibromoethane	8.349	107	164264	49.537	ug/L	98
51) Chlorobenzene	8.879	112	401822	49.367	ug/L	96
52) Ethylbenzene	9.008	91	664286	53.051	ug/L	100
53) m,p-Xylene	9.137	106	255152	53.917	ug/L	94
54) o-Xylene	9.542	106	244673	53.070	ug/L	94
55) Styrene	9.558	104	452210	55.679	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	257630	47.720	ug/L	100
59) Bromoform	9.728	173	106623	45.148	ug/L	99
60) Isopropylbenzene	9.931	105	645048	51.495	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	207980	45.576	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	539946	52.195	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	539086	53.195	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	302329	49.797	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	310460	48.590	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	311250	48.929	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	57984	45.291	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	202304	49.612	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	170248	50.269	ug/L	99
71) Naphthalene	13.500	128	581396	50.134	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	194628	51.847	ug/L	100

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

