

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU047990.D
 Acq On : 13 Apr 2022 10:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050197

Quant Time: Apr 14 02:47:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	333541	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	341729	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	205194	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	121677	50.306	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.620%
7) Chloroethane-d5	1.912	69	99677	52.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.520%
11) 1,1-Dichloroethene-d2	2.572	63	207209	46.824	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.640%
21) 2-Butanone-d5	4.626	46	195966	94.394	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.390%
24) Chloroform-d	5.067	84	218447	49.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.720%
26) 1,2-Dichloroethane-d4	5.703	65	136817	50.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.820%
32) Benzene-d6	5.729	84	435070	50.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.694	67	137159	51.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.880%
41) Toluene-d8	7.899	98	409311	48.856	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.720%
43) trans-1,3-Dichloroprop...	8.182	79	63506	47.468	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.940%
47) 2-Hexanone-d5	8.632	63	147036	95.112	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.110%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	219029	48.329	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.660%
66) 1,2-Dichlorobenzene-d4	12.195	152	175658	48.118	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	160947	52.049	ug/L	100
3) Chloromethane	1.523	50	182480	61.706	ug/L	99
5) Vinyl chloride	1.604	62	166351	55.156	ug/L	98
6) Bromomethane	1.855	94	74743	46.043	ug/L	100
8) Chloroethane	1.935	64	101381	53.546	ug/L	97
9) Trichlorofluoromethane	2.141	101	218071	51.274	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	132880	54.051	ug/L	98
12) 1,1-Dichloroethene	2.581	96	119699	52.317	ug/L	89
13) Acetone	2.629	43	210868	109.148	ug/L	100
14) Carbon disulfide	2.797	76	328473	45.419	ug/L	100
15) Methyl Acetate	2.951	43	161501	52.424	ug/L	98
16) Methylene chloride	3.047	84	145563	55.443	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	128990	52.270	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	384155	55.178	ug/L	99
19) 1,1-Dichloroethane	3.874	63	238495	56.037	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	146061	53.988	ug/L	97
22) 2-Butanone	4.703	43	260833	104.808	ug/L	97
23) Bromochloromethane	4.977	128	81202	54.666	ug/L	96
25) Chloroform	5.089	83	256140	55.899	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	193296	54.601	ug/L	100
29) Cyclohexane	5.391	56	186628	53.820	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	213002	54.970	ug/L	100
31) Carbon tetrachloride	5.530	117	187100	53.473	ug/L	97
33) Benzene	5.777	78	560489	56.664	ug/L	100
34) Trichloroethene	6.546	95	143241	55.236	ug/L	99
35) Methylcyclohexane	6.768	83	209427	53.085	ug/L	99
37) 1,2-Dichloropropane	6.793	63	145754	57.964	ug/L	100
38) Bromodichloromethane	7.108	83	192963	55.882	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	215426	55.214	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	432181	108.746	ug/L	98
42) Toluene	7.970	91	605116	55.754	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	211520	54.297	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	151309	56.737	ug/L	99
46) Tetrachloroethene	8.555	164	125520	53.862	ug/L	100
48) 2-Hexanone	8.687	43	371428	108.650	ug/L	98
49) Dibromochloromethane	8.812	129	165754	53.662	ug/L	98
50) 1,2-Dibromoethane	8.925	107	163944	54.835	ug/L	100
51) Chlorobenzene	9.449	112	410628	55.722	ug/L	98
52) Ethylbenzene	9.571	91	628780	55.099	ug/L	98
53) m,p-Xylene	9.693	106	247062	55.175	ug/L	98
54) o-Xylene	10.102	106	241139	54.869	ug/L	99
55) Styrene	10.115	104	427850	57.022	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	266395	53.283	ug/L	99
59) Bromoform	10.291	173	135156	51.510	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	207880	53.740	ug/L	99
61) Isopropylbenzene	10.488	105	626981	56.537	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	324249	53.889	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	514178	56.258	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	338425	54.904	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	344090	53.894	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	338102	54.820	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	64644	52.171	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	267301	53.396	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	239356	54.588	ug/L	99
71) Naphthalene	14.089	128	758412	58.015	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	249167	56.685	ug/L	99

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

