

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042922\
 Data File : VU048348.D
 Acq On : 29 Apr 2022 09:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050107

Quant Time: Apr 30 04:35:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 29 04:27:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	432171	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	445359	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	249268	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	146798	36.938	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.880%
7) Chloroethane-d5	1.906	69	106213	38.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.140%
11) 1,1-Dichloroethene-d2	2.565	63	258997	40.674	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.340%
21) 2-Butanone-d5	4.633	46	293103	86.472	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.470%
24) Chloroform-d	5.064	84	309919	42.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.980%
26) 1,2-Dichloroethane-d4	5.703	65	186615	43.633	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.260%
32) Benzene-d6	5.729	84	622080	44.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.580%
36) 1,2-Dichloropropane-d6	6.690	67	201614	43.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.840%
41) Toluene-d8	7.899	98	588277	46.205	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.420%
43) trans-1,3-Dichloroprop...	8.179	79	94257	46.001	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.000%
47) 2-Hexanone-d5	8.642	63	228816	91.331	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.330%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	346994	42.607	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.220%
66) 1,2-Dichlorobenzene-d4	12.195	152	253726	45.249	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	135932	41.625	ug/L	100
3) Chloromethane	1.523	50	141274	37.797	ug/L	99
5) Vinyl chloride	1.604	62	159069	42.232	ug/L	96
6) Bromomethane	1.855	94	80971	46.776	ug/L	95
8) Chloroethane	1.925	64	91433	42.931	ug/L	98
9) Trichlorofluoromethane	2.131	101	231834	47.230	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	151695	46.595	ug/L	99
12) 1,1-Dichloroethene	2.578	96	129064	45.417	ug/L	99
13) Acetone	2.639	43	272356	125.162	ug/L	99
14) Carbon disulfide	2.793	76	272959	39.411	ug/L	100
15) Methyl Acetate	2.951	43	189220	43.805	ug/L	99
16) Methylene chloride	3.048	84	177345	48.406	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	135544	45.913	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	487759	50.075	ug/L	99
19) 1,1-Dichloroethane	3.871	63	285414	46.233	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	171419	48.171	ug/L	94
22) 2-Butanone	4.713	43	337166	104.783	ug/L	97
23) Bromochloromethane	4.977	128	95610	48.124	ug/L	96
25) Chloroform	5.089	83	303731	48.181	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	223016	48.501	ug/L	99
29) Cyclohexane	5.388	56	197741	46.993	ug/L	96
30) 1,1,1-Trichloroethane	5.318	97	246600	48.964	ug/L	99
31) Carbon tetrachloride	5.527	117	210393	49.014	ug/L	99
33) Benzene	5.774	78	638339	48.411	ug/L	100
34) Trichloroethene	6.543	95	158406	49.012	ug/L	100
35) Methylcyclohexane	6.764	83	226428	49.900	ug/L	97
37) 1,2-Dichloropropane	6.793	63	180704	48.167	ug/L	99
38) Bromodichloromethane	7.105	83	232355	49.043	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	263391	49.928	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	570509	100.825	ug/L	99
42) Toluene	7.970	91	696482	50.310	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	257075	49.882	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	190488	48.395	ug/L	99
46) Tetrachloroethene	8.555	164	134596	48.524	ug/L	100
48) 2-Hexanone	8.694	43	485560	102.761	ug/L	99
49) Dibromochloromethane	8.813	129	210790	48.735	ug/L	99
50) 1,2-Dibromoethane	8.925	107	196220	49.159	ug/L	98
51) Chlorobenzene	9.449	112	481347	48.237	ug/L	100
52) Ethylbenzene	9.571	91	746508	52.068	ug/L	98
53) m,p-Xylene	9.694	106	301031	53.207	ug/L	99
54) o-Xylene	10.102	106	303849	53.310	ug/L	100
55) Styrene	10.118	104	522694	53.832	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	365798	47.088	ug/L	100
59) Bromoform	10.295	173	176243	48.719	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	280065	48.162	ug/L	100
61) Isopropylbenzene	10.485	105	775580	55.648	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	414680	56.451	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	647509	57.333	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	403727	51.668	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	397471	49.827	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	411964	50.048	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	74853	48.219	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	304765	52.489	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	253548	55.275	ug/L	99
71) Naphthalene	14.086	128	807466	61.511	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	267599	56.924	ug/L	100

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

