

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050933.D
 Acq On : 23 Sep 2022 20:39
 Operator : JC/MD
 Sample : N4748-11MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQS0MSD

Quant Time: Sep 24 00:27:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	421604	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	415660	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	207279	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	161613	36.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.000%
7) Chloroethane-d5	1.909	69	139089	44.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.420%
11) 1,1-Dichloroethene-d2	2.568	63	287008	42.227	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.460%
21) 2-Butanone-d5	4.623	46	323726	114.795	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.790%
24) Chloroform-d	5.060	84	318526	46.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
26) 1,2-Dichloroethane-d4	5.700	65	199455	47.280	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
32) Benzene-d6	5.726	84	619951	45.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.560%
36) 1,2-Dichloropropane-d6	6.690	67	209941	45.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.860%
41) Toluene-d8	7.896	98	562147	46.972	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.940%
43) trans-1,3-Dichloroprop...	8.179	79	91947	45.736	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.480%
47) 2-Hexanone-d5	8.629	63	188642	99.053	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.050%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	335853	47.668	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.340%
66) 1,2-Dichlorobenzene-d4	12.192	152	200367	46.169	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	203116	46.527	ug/L	100
3) Chloromethane	1.520	50	228276	44.979	ug/L	100
5) Vinyl chloride	1.604	62	232700	46.834	ug/L	98
6) Bromomethane	1.855	94	135268	53.890	ug/L	100
8) Chloroethane	1.932	64	140160	50.950	ug/L	99
9) Trichlorofluoromethane	2.138	101	270656	50.220	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	171825	49.811	ug/L	99
12) 1,1-Dichloroethene	2.581	96	157421	48.568	ug/L	87
13) Acetone	2.633	43	229030	95.915	ug/L	99
14) Carbon disulfide	2.794	76	480205	46.852	ug/L	99
15) Methyl Acetate	2.948	43	238655	52.961	ug/L	98
16) Methylene chloride	3.044	84	191976	42.656	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	164324	49.464	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	503019	49.669	ug/L	99
19) 1,1-Dichloroethane	3.867	63	326089	48.579	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	183254	49.751	ug/L	98
22) 2-Butanone	4.700	43	367237	116.676	ug/L	100
23) Bromochloromethane	4.973	128	95873	49.662	ug/L	96
25) Chloroform	5.086	83	332619	49.720	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	255440	50.244	ug/L	99
29) Cyclohexane	5.388	56	271917	47.536	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	272289	49.240	ug/L	100
31) Carbon tetrachloride	5.523	117	225504	49.088	ug/L	100
33) Benzene	5.774	78	763217	49.894	ug/L	100
34) Trichloroethene	6.539	95	182292	51.303	ug/L	99
35) Methylcyclohexane	6.764	83	282289	49.306	ug/L	98
37) 1,2-Dichloropropane	6.790	63	202254	48.318	ug/L	100
38) Bromodichloromethane	7.105	83	249932	50.115	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	271898	48.541	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	645556	111.906	ug/L	99
42) Toluene	7.967	91	784166	51.639	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	260976	48.977	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	191220	49.571	ug/L	98
46) Tetrachloroethene	8.552	164	124767	48.862	ug/L	98
48) 2-Hexanone	8.681	43	551071	114.322	ug/L	99
49) Dibromochloromethane	8.809	129	190751	50.432	ug/L	100
50) 1,2-Dibromoethane	8.922	107	203695	50.895	ug/L	99
51) Chlorobenzene	9.446	112	450599	48.604	ug/L	99
52) Ethylbenzene	9.568	91	764769	50.482	ug/L	98
53) m,p-Xylene	9.690	106	291600	51.774	ug/L	97
54) o-Xylene	10.099	106	287842	51.292	ug/L	98
55) Styrene	10.112	104	511218	53.133	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	343603	48.139	ug/L	98
59) Bromoform	10.288	173	142249	47.547	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	277504	47.597	ug/L	99
61) Isopropylbenzene	10.481	105	730425	49.310	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	605681	49.739	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	608484	50.458	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	331901	48.997	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	337403	49.062	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	347616	48.465	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	85916	53.579	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	229851	48.497	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	190022	48.993	ug/L	99
71) Naphthalene	14.082	128	764920	51.315	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	219478	50.561	ug/L	99

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

