

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032223\
 Data File : VU053357.D
 Acq On : 22 Mar 2023 17:10
 Operator : JC/MD
 Sample : 01961-16MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE0MS

Quant Time: Mar 23 02:45:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	85008	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	81645	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	40807	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30541	38.943	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.880%		
7) Chloroethane-d5	1.912	69	28461	44.866	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.740%		
11) 1,1-Dichloroethene-d2	2.568	63	49758	36.625	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.260%		
21) 2-Butanone-d5	4.620	46	41220	113.324	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.320%		
24) Chloroform-d	5.057	84	57276	44.342	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.680%		
26) 1,2-Dichloroethane-d4	5.697	65	38593	48.109	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.220%		
32) Benzene-d6	5.722	84	114714	43.318	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.640%		
36) 1,2-Dichloropropane-d6	6.687	67	38735	45.321	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.640%		
41) Toluene-d8	7.893	98	105833	42.925	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.840%		
43) trans-1,3-Dichloroprop...	8.176	79	18567	44.030	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.060%		
47) 2-Hexanone-d5	8.626	63	27177	101.708	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.710%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	57370	51.816	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.640%		
66) 1,2-Dichlorobenzene-d4	12.188	152	35733	45.224	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	23276	26.232	ug/L	99
3) Chloromethane	1.520	50	25273	30.911	ug/L	99
5) Vinyl chloride	1.604	62	32562	36.407	ug/L	98
6) Bromomethane	1.854	94	18902	35.158	ug/L	94
8) Chloroethane	1.932	64	17883	33.849	ug/L	93
9) Trichlorofluoromethane	2.137	101	33180	29.733	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	18306	27.118	ug/L	98
12) 1,1-Dichloroethene	2.578	96	16949	27.149	ug/L #	71
13) Acetone	2.629	43	18741	45.239	ug/L	93
14) Carbon disulfide	2.790	76	48777	25.796	ug/L	96
15) Methyl Acetate	2.948	43	20879	36.770	ug/L	96
16) Methylene chloride	3.044	84	21647	28.582	ug/L	96
17) trans-1,2-Dichloroethene	3.349	96	17908	28.271	ug/L	93
18) Methyl tert-butyl Ether	3.356	73	62497	29.342	ug/L	97
19) 1,1-Dichloroethane	3.864	63	39748	30.741	ug/L	94
20) cis-1,2-Dichloroethene	4.661	96	22719	30.536	ug/L	93
22) 2-Butanone	4.697	43	29686	62.899	ug/L	94
23) Bromochloromethane	4.970	128	10705	30.176	ug/L	81
25) Chloroform	5.083	83	39769	30.736	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	32809	32.122	ug/L	99
29) Cyclohexane	5.382	56	34036	27.977	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	32222	28.954	ug/L	96
31) Carbon tetrachloride	5.520	117	25194	27.633	ug/L	99
33) Benzene	5.771	78	87742	30.998	ug/L	100
34) Trichloroethene	6.539	95	21480	29.104	ug/L	97
35) Methylcyclohexane	6.758	83	34802	26.901	ug/L	98
37) 1,2-Dichloropropane	6.787	63	24511	31.038	ug/L	99
38) Bromodichloromethane	7.102	83	27803	28.290	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	37923	29.229	ug/L	100
40) 4-Methyl-2-pentanone	7.783	43	60390	74.399	ug/L	97
42) Toluene	7.967	91	91041	29.917	ug/L	97
44) trans-1,3-Dichloropropene	8.205	75	36551	30.818	ug/L	97
45) 1,1,2-Trichloroethane	8.394	97	22536	31.340	ug/L	96
46) Tetrachloroethene	8.549	164	14487	30.171	ug/L	95
48) 2-Hexanone	8.677	43	48376	71.171	ug/L	95
49) Dibromochloromethane	8.806	129	19630	26.686	ug/L	99
50) 1,2-Dibromoethane	8.918	107	23955	31.264	ug/L	97
51) Chlorobenzene	9.443	112	58232	30.703	ug/L	99
52) Ethylbenzene	9.565	91	102660	29.749	ug/L	96
53) m,p-Xylene	9.690	106	37943	29.459	ug/L	100
54) o-Xylene	10.095	106	36443	28.608	ug/L	98
55) Styrene	10.108	104	62299	29.343	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.777	83	40080	33.996	ug/L	97
59) Bromoform	10.285	173	12522	26.965	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	30253	37.309	ug/L	97
61) Isopropylbenzene	10.478	105	98647	30.596	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	77036	28.865	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	73715	28.336	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	41691	30.832	ug/L	97
65) 1,4-Dichlorobenzene	11.831	146	41758	30.761	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	41571	30.759	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	7718	34.420	ug/L	94
69) 1,3,5-Trichlorobenzene	13.214	180	25085	29.260	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	20880	27.106	ug/L	97
71) Naphthalene	14.082	128	81600	31.429	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	22124	30.286	ug/L	97

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

