

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051988.D
 Acq On : 20 Nov 2022 21:16
 Operator : JC/MD
 Sample : N5683-03MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQW0MS

Quant Time: Nov 21 01:03:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	450519	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	452547	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	225710	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	84229	38.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.160%
7) Chloroethane-d5	1.906	69	94247	42.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.060%
11) 1,1-Dichloroethene-d2	2.568	63	169756	42.801	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.600%
21) 2-Butanone-d5	4.616	46	246159	97.876	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.880%
24) Chloroform-d	5.060	84	262811	47.402	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.700	65	157573	46.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
32) Benzene-d6	5.726	84	439864	46.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.240%
36) 1,2-Dichloropropane-d6	6.687	67	168473	47.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.940%
41) Toluene-d8	7.896	98	366510	47.322	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.640%
43) trans-1,3-Dichloroprop...	8.176	79	62701	44.819	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.640%
47) 2-Hexanone-d5	8.629	63	174596	97.811	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.810%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	335095	49.021	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.040%
66) 1,2-Dichlorobenzene-d4	12.188	152	188335	47.414	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	114798	41.504	ug/L	100
3) Chloromethane	1.526	50	176770	48.125	ug/L	99
5) Vinyl chloride	1.604	62	176977	46.451	ug/L	99
6) Bromomethane	1.845	94	94139	57.031	ug/L	100
8) Chloroethane	1.928	64	118998	48.040	ug/L	99
9) Trichlorofluoromethane	2.137	101	206611	45.295	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	125554	43.675	ug/L	99
12) 1,1-Dichloroethene	2.578	96	127118	47.346	ug/L	96
13) Acetone	2.620	43	166177	61.758	ug/L	99
14) Carbon disulfide	2.793	76	321999	43.290	ug/L	99
15) Methyl Acetate	2.944	43	161804	44.108	ug/L	99
16) Methylene chloride	3.044	84	185007	43.165	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	137306	47.455	ug/L	96
18) Methyl tert-butyl Ether	3.359	73	461626	51.549	ug/L	100
19) 1,1-Dichloroethane	3.867	63	293670	49.870	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	173208	51.295	ug/L	97
22) 2-Butanone	4.697	43	261108	85.923	ug/L	100
23) Bromochloromethane	4.970	128	93986	50.438	ug/L	98
25) Chloroform	5.086	83	309274	50.334	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	231650	51.018	ug/L	98
29) Cyclohexane	5.388	56	184353	47.747	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	227747	49.777	ug/L	100
31) Carbon tetrachloride	5.523	117	179995	47.057	ug/L	96
33) Benzene	5.771	78	680011	52.238	ug/L	100
34) Trichloroethene	6.539	95	155871	50.542	ug/L	99
35) Methylcyclohexane	6.761	83	185965	44.471	ug/L	98
37) 1,2-Dichloropropane	6.787	63	186993	50.729	ug/L	100
38) Bromodichloromethane	7.102	83	231837	50.271	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	229405	47.577	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	509980	105.062	ug/L	100
42) Toluene	7.967	91	710448	53.061	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	219663	47.542	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	189835	50.679	ug/L	100
46) Tetrachloroethene	8.552	164	113499	46.083	ug/L	98
48) 2-Hexanone	8.681	43	410917	98.567	ug/L	100
49) Dibromochloromethane	8.806	129	188524	48.812	ug/L	99
50) 1,2-Dibromoethane	8.918	107	189957	50.375	ug/L	100
51) Chlorobenzene	9.443	112	446620	48.816	ug/L	99
52) Ethylbenzene	9.568	91	694479	50.682	ug/L	99
53) m,p-Xylene	9.690	106	277436	52.307	ug/L	100
54) o-Xylene	10.098	106	281884	52.216	ug/L	100
55) Styrene	10.111	104	489832	52.587	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	355053	50.161	ug/L	99
59) Bromoform	10.288	173	143702	46.958	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	265346	49.146	ug/L	99
61) Isopropylbenzene	10.481	105	683340	51.800	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	539314	50.172	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	535611	51.000	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	323128	48.329	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	324009	47.854	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	347626	48.895	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	64430	46.609	ug/L	95
69) 1,3,5-Trichlorobenzene	13.214	180	198935	44.848	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	161744	46.003	ug/L	98
71) Naphthalene	14.082	128	599159	51.816	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	187391	48.695	ug/L	100

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

