

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122022\
 Data File : VU052465.D
 Acq On : 20 Dec 2022 18:19
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV079

Quant Time: Dec 21 03:45:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 21 03:39:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	190582	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	181713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	94588	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89416	4.631	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.916	69	75053	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.568	65	38371	4.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.649	46	289467	48.346	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.700%
24) Chloroform-d	5.060	84	151186	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.700	65	86430	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.726	84	301710	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.687	67	102809	4.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.893	98	266668	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.176	79	36908	5.026	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.633	63	208453	51.883	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.760%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	87541	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	89656	4.656	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	81175	4.787	ug/L	99
3) Chloromethane	1.520	50	111539	4.557	ug/L	98
5) Vinyl chloride	1.604	62	107181	4.830	ug/L	99
6) Bromomethane	1.858	94	59595	4.711	ug/L	100
8) Chloroethane	1.935	64	65816	4.331	ug/L	97
9) Trichlorofluoromethane	2.141	101	118915	4.740	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	70358	4.718	ug/L	100
12) 1,1-Dichloroethene	2.581	96	67330	4.717	ug/L	97
13) Acetone	2.681	43	186487	42.250	ug/L	61
14) Carbon disulfide	2.794	76	221005	4.805	ug/L	99
15) Methyl Acetate	2.967	43	45987	4.729	ug/L	98
16) Methylene chloride	3.044	84	86739	4.302	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	182667	4.794	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	72129	4.903	ug/L	97
19) 1,1-Dichloroethane	3.867	63	151324	4.730	ug/L	99
21) 2-Butanone	4.732	43	311326	47.892	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	77297	4.788	ug/L	94
23) Bromochloromethane	4.973	128	36370	4.861	ug/L	96
25) Chloroform	5.083	83	145866	4.706	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	102950	4.807	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	114561	5.009	ug/L	99
30) Cyclohexane	5.388	56	124210	5.026	ug/L	100
31) Carbon tetrachloride	5.520	117	97421	4.847	ug/L	99
33) Benzene	5.771	78	330719	5.053	ug/L	100
34) Trichloroethene	6.539	95	75486	4.933	ug/L	97
35) Methylcyclohexane	6.761	83	118115	5.119	ug/L	98
37) 1,2-Dichloropropane	6.787	63	92865	5.085	ug/L	100
38) Bromodichloromethane	7.102	83	107706	4.845	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	115970	5.013	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	704024	52.750	ug/L	98
42) Toluene	7.967	91	328221	5.230	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	105522	5.177	ug/L	97
45) 1,1,2-Trichloroethane	8.395	97	63032	4.873	ug/L	98
47) Tetrachloroethene	8.549	164	53622	5.021	ug/L	98
48) 2-Hexanone	8.684	43	536731	53.351	ug/L	99
49) Dibromochloromethane	8.806	129	69443	5.070	ug/L	96
50) 1,2-Dibromoethane	8.919	107	59117	5.027	ug/L #	97
51) Chlorobenzene	9.443	112	198056	4.942	ug/L	99
52) Ethylbenzene	9.565	91	330693	5.092	ug/L	100
53) m,p-Xylene	9.690	106	126411	5.279	ug/L	97
54) o-Xylene	10.095	106	120621	5.254	ug/L	98
55) Styrene	10.108	104	215817	5.404	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	91031	5.091	ug/L	97
59) Bromoform	10.285	173	39954	4.808	ug/L	97
60) Isopropylbenzene	10.481	105	315404	5.145	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	63664	4.693	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	253784	5.019	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	260196	5.112	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	152663	5.019	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	151895	4.829	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	146411	4.871	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	14455	4.707	ug/L	89
69) 1,3,5-Trichlorobenzene	13.214	180	109564	4.892	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	92069	4.885	ug/L	99
71) Naphthalene	14.082	128	178751	4.687	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	92420	4.892	ug/L	99

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

