

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052601.D
 Acq On : 28 Dec 2022 20:37
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005121

Quant Time: Dec 29 00:30:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	175211	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	168626	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	90555	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	47522	2.677	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.600%
7) Chloroethane-d5	1.916	69	54434	3.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.568	65	24320	3.184	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.600%
20) 2-Butanone-d5	4.636	46	322707	58.625	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.260%
24) Chloroform-d	5.060	84	133062	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.700	65	77506	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.723	84	250251	4.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.684	67	90847	4.565	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.893	98	211693	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.176	79	32252	4.733	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.629	63	229973	61.682	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.360%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	87577	5.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	84038	4.558	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	61369	3.936	ug/L	100
3) Chloromethane	1.520	50	106046	4.712	ug/L	98
5) Vinyl chloride	1.604	62	88959	4.361	ug/L	94
6) Bromomethane	1.861	94	40285	3.464	ug/L	100
8) Chloroethane	1.935	64	58638	4.197	ug/L	94
9) Trichlorofluoromethane	2.141	101	99764	4.325	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	56641	4.131	ug/L	99
12) 1,1-Dichloroethene	2.581	96	58073	4.426	ug/L	89
13) Acetone	2.658	43	173165	42.674	ug/L	98
14) Carbon disulfide	2.793	76	184003	4.352	ug/L	99
15) Methyl Acetate	2.957	43	43172	4.829	ug/L	99
16) Methylene chloride	3.044	84	76212	4.112	ug/L	96
17) Methyl tert-butyl Ether	3.359	73	170120	4.856	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	62940	4.654	ug/L	95
19) 1,1-Dichloroethane	3.867	63	140759	4.786	ug/L	99
21) 2-Butanone	4.719	43	291170	48.720	ug/L	97
22) cis-1,2-Dichloroethene	4.661	96	74110	4.993	ug/L	97
23) Bromochloromethane	4.970	128	33793	4.913	ug/L	100
25) Chloroform	5.083	83	140738	4.939	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	93765	4.763	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	103430	4.873	ug/L	98
30) Cyclohexane	5.385	56	103516	4.514	ug/L	99
31) Carbon tetrachloride	5.520	117	83160	4.459	ug/L	98
33) Benzene	5.771	78	295962	4.873	ug/L	100
34) Trichloroethene	6.539	95	65955	4.645	ug/L	99
35) Methylcyclohexane	6.761	83	92689	4.329	ug/L	98
37) 1,2-Dichloropropane	6.787	63	85606	5.051	ug/L	100
38) Bromodichloromethane	7.102	83	101137	4.903	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	107286	4.998	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	661828	53.437	ug/L	99
42) Toluene	7.967	91	298967	5.134	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	98299	5.197	ug/L	95
45) 1,1,2-Trichloroethane	8.394	97	58530	4.876	ug/L	97
47) Tetrachloroethene	8.549	164	45223	4.563	ug/L	96
48) 2-Hexanone	8.681	43	494314	52.948	ug/L	98
49) Dibromochloromethane	8.806	129	65064	5.119	ug/L	100
50) 1,2-Dibromoethane	8.919	107	53814	4.932	ug/L	98
51) Chlorobenzene	9.443	112	184058	4.949	ug/L	99
52) Ethylbenzene	9.565	91	298084	4.946	ug/L	100
53) m,p-Xylene	9.690	106	115156	5.182	ug/L	97
54) o-Xylene	10.095	106	110179	5.172	ug/L	98
55) Styrene	10.108	104	172315	4.649	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	83328	5.022	ug/L	99
59) Bromoform	10.285	173	37452	4.707	ug/L	99
60) Isopropylbenzene	10.481	105	287848	4.904	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	60353	4.647	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	231373	4.780	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	236090	4.845	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	140523	4.826	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	142382	4.728	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	136760	4.753	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	13720	4.667	ug/L	94
69) 1,3,5-Trichlorobenzene	13.214	180	99112	4.622	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	84609	4.689	ug/L	99
71) Naphthalene	14.082	128	170843	4.679	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	85915	4.750	ug/L	100

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

