

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052043.D
 Acq On : 22 Nov 2022 15:30
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005086

Quant Time: Nov 23 00:48:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	305220	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	300314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	148565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	108395	3.651	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.912	69	86870	3.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.565	65	39644	3.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	4.636	46	215377	40.022	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.040%
24) Chloroform-d	5.060	84	174608	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.700	65	86546	3.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
32) Benzene-d6	5.726	84	366901	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.690	67	112665	4.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.896	98	334793	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.176	79	40214	3.999	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.632	63	173966	40.826	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.660%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93767	3.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	112005	3.938	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	111648	4.218	ug/L	99
3) Chloromethane	1.523	50	145508	4.212	ug/L	99
5) Vinyl chloride	1.604	62	142691	4.299	ug/L	97
6) Bromomethane	1.858	94	78846	4.629	ug/L	98
8) Chloroethane	1.935	64	83186	4.030	ug/L	97
9) Trichlorofluoromethane	2.137	101	157393	4.310	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	96051	4.302	ug/L	99
12) 1,1-Dichloroethene	2.578	96	94253	4.257	ug/L	93
13) Acetone	2.652	43	141631	38.757	ug/L	99
14) Carbon disulfide	2.793	76	311943	4.070	ug/L	100
15) Methyl Acetate	2.957	43	37219	3.927	ug/L	98
16) Methylene chloride	3.044	84	127016	4.240	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	205827	4.152	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	102598	4.323	ug/L	95
19) 1,1-Dichloroethane	3.867	63	187897	4.392	ug/L	99
21) 2-Butanone	4.713	43	232870	39.759	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	109381	4.391	ug/L	99
23) Bromochloromethane	4.973	128	50068	4.201	ug/L	93
25) Chloroform	5.086	83	190481	4.394	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	110629	4.167	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	145215	4.358	ug/L	98
30) Cyclohexane	5.388	56	144024	4.452	ug/L	98
31) Carbon tetrachloride	5.523	117	120778	4.266	ug/L	99
33) Benzene	5.771	78	444144	4.544	ug/L	100
34) Trichloroethene	6.539	95	105399	4.324	ug/L	98
35) Methylcyclohexane	6.761	83	151695	4.326	ug/L	97
37) 1,2-Dichloropropane	6.790	63	110354	4.361	ug/L	100
38) Bromodichloromethane	7.102	83	130229	4.221	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	136946	4.215	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	555977	42.061	ug/L	100
42) Toluene	7.967	91	466022	4.635	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	118040	4.243	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	80594	4.238	ug/L	99
47) Tetrachloroethene	8.552	164	82043	4.391	ug/L	98
48) 2-Hexanone	8.684	43	411484	42.462	ug/L	99
49) Dibromochloromethane	8.806	129	85815	4.029	ug/L	98
50) 1,2-Dibromoethane	8.922	107	74045	4.275	ug/L	97
51) Chlorobenzene	9.446	112	282319	4.405	ug/L	99
52) Ethylbenzene	9.568	91	450285	4.607	ug/L	98
53) m,p-Xylene	9.693	106	178871	4.726	ug/L	95
54) o-Xylene	10.098	106	171429	4.726	ug/L	99
55) Styrene	10.111	104	293962	4.798	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	98487	4.147	ug/L	98
59) Bromoform	10.288	173	47618	3.892	ug/L	97
60) Isopropylbenzene	10.481	105	435982	4.672	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	68382	4.022	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	344077	4.612	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	346298	4.677	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	211679	4.442	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	205821	4.331	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	196999	4.293	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	12441	3.344	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	142563	4.219	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	104720	4.070	ug/L	100
71) Naphthalene	14.085	128	173358	3.589	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	102970	4.068	ug/L	99

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

