

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052969.D
 Acq On : 06 Feb 2023 09:23
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005134

Quant Time: Feb 06 13:41:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	149277	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	144723	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	81190	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66870	5.099	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.912	69	60199	5.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.600%
11) 1,1-Dichloroethene-d2	2.565	65	27027	4.680	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	4.636	46	122361	34.895	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.780%
24) Chloroform-d	5.060	84	125406	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.697	65	61501	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.722	84	255160	5.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
36) 1,2-Dichloropropane-d6	6.687	67	72904	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.896	98	223977	5.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
43) trans-1,3-Dichloroprop...	8.176	79	25119	4.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.629	63	90571	37.508	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.020%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	62467	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	74503	5.041	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	80868	5.042	ug/L	98
3) Chloromethane	1.517	50	80087	4.112	ug/L	99
5) Vinyl chloride	1.604	62	90126	4.837	ug/L	99
6) Bromomethane	1.858	94	54217	5.605	ug/L	98
8) Chloroethane	1.935	64	58365	5.152	ug/L	100
9) Trichlorofluoromethane	2.137	101	132556	6.034	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	73438	5.683	ug/L	95
12) 1,1-Dichloroethene	2.578	96	67043	5.180	ug/L	89
13) Acetone	2.652	43	121359	48.257	ug/L	94
14) Carbon disulfide	2.793	76	196592	4.395	ug/L	97
15) Methyl Acetate	2.957	43	25352	4.205	ug/L #	88
16) Methylene chloride	3.044	84	81330	4.722	ug/L	84
17) Methyl tert-butyl Ether	3.359	73	144543	5.047	ug/L	96
18) trans-1,2-Dichloroethene	3.349	96	71269	5.399	ug/L	87
19) 1,1-Dichloroethane	3.864	63	136913	4.995	ug/L	99
21) 2-Butanone	4.713	43	163650	40.424	ug/L	84
22) cis-1,2-Dichloroethene	4.661	96	72873	5.141	ug/L	92
23) Bromochloromethane	4.970	128	35869	5.978	ug/L #	73
25) Chloroform	5.083	83	142850	5.302	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	83317	5.102	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	120949	5.327	ug/L	96
30) Cyclohexane	5.385	56	91866	4.021	ug/L	90
31) Carbon tetrachloride	5.520	117	107141	6.022	ug/L	99
33) Benzene	5.771	78	313445	5.472	ug/L	100
34) Trichloroethene	6.539	95	75430	5.567	ug/L	97
35) Methylcyclohexane	6.761	83	103612	4.631	ug/L	92
37) 1,2-Dichloropropane	6.787	63	77510	5.042	ug/L #	97
38) Bromodichloromethane	7.102	83	98745	5.455	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	94520	4.844	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	355386	40.421	ug/L #	89
42) Toluene	7.967	91	315481	5.529	ug/L	96
44) trans-1,3-Dichloropropene	8.208	75	82990	4.927	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	60549	6.262	ug/L	90
47) Tetrachloroethene	8.549	164	59074	5.917	ug/L	96
48) 2-Hexanone	8.680	43	277541	43.114	ug/L #	87
49) Dibromochloromethane	8.806	129	68841	6.158	ug/L	100
50) 1,2-Dibromoethane	8.918	107	50099	5.636	ug/L #	100
51) Chlorobenzene	9.442	112	207421	5.835	ug/L	95
52) Ethylbenzene	9.568	91	321435	5.530	ug/L	99
53) m,p-Xylene	9.690	106	132633	6.024	ug/L	98
54) o-Xylene	10.098	106	124862	5.931	ug/L	94
55) Styrene	10.111	104	224447	6.250	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.777	83	73577	5.825	ug/L	99
59) Bromoform	10.288	173	38801	6.146	ug/L	100
60) Isopropylbenzene	10.481	105	325797	5.661	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	49929	5.291	ug/L	93
62) 1,3,5-Trimethylbenzene	11.086	105	251124	5.471	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	253514	5.483	ug/L	97
64) 1,3-Dichlorobenzene	11.741	146	162416	5.933	ug/L	100
65) 1,4-Dichlorobenzene	11.831	146	162274	5.811	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	148949	5.782	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	10096	4.639	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.214	180	111754	5.496	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	82956	5.087	ug/L	99
71) Naphthalene	14.082	128	121007	4.274	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	80409	5.382	ug/L	99

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

