

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110323\
 Data File : VU056074.D
 Acq On : 03 Nov 2023 11:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005133

Quant Time: Nov 04 01:34:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 03 00:21:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	338143	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	320415	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	156200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.602	65	104683	3.914	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.914	69	92237	4.424	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.567	65	46248	4.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.634	46	242137	50.742	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.480%
24) Chloroform-d	5.058	84	229598	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.702	65	106522	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.724	84	455037	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.689	67	136961	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.894	98	407517	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.177	79	53159	4.804	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.631	63	195603	69.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.260%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105181	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	136628	4.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.387	85	86292	4.478	ug/L	97
3) Chloromethane	1.522	50	74390	4.043	ug/L	96
5) Vinyl chloride	1.605	62	85890	4.238	ug/L	97
6) Bromomethane	1.859	94	55505	4.421	ug/L	99
8) Chloroethane	1.936	64	56114	4.725	ug/L	99
9) Trichlorofluoromethane	2.139	101	139160	4.978	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.583	101	96545	5.258	ug/L	97
12) 1,1-Dichloroethene	2.583	96	80090	4.887	ug/L	81
13) Acetone	2.650	43	132047	48.559	ug/L	97
14) Carbon disulfide	2.795	76	174951	4.169	ug/L	99
15) Methyl Acetate	2.959	43	24671	4.453	ug/L #	85
16) Methylene chloride	3.046	84	101253	5.453	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	200062	5.030	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	80313	4.942	ug/L	97
19) 1,1-Dichloroethane	3.866	63	166900	5.058	ug/L	99
21) 2-Butanone	4.714	43	193315	48.360	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	98223	4.992	ug/L	90
23) Bromochloromethane	4.975	128	41603	5.190	ug/L	94
25) Chloroform	5.084	83	185792	5.252	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	97888	4.710	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	154264	5.282	ug/L	98
30) Cyclohexane	5.386	56	118755	4.820	ug/L	99
31) Carbon tetrachloride	5.521	117	132844	5.333	ug/L	98
33) Benzene	5.772	78	373929	5.288	ug/L	100
34) Trichloroethene	6.541	95	99067	5.009	ug/L	97
35) Methylcyclohexane	6.759	83	134182	5.026	ug/L	98
37) 1,2-Dichloropropane	6.788	63	100717	5.364	ug/L	99
38) Bromodichloromethane	7.103	83	126402	5.363	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	141621	5.295	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	451174	49.851	ug/L	96
42) Toluene	7.968	91	400849	5.424	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	112385	5.205	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	69918	5.296	ug/L	98
47) Tetrachloroethene	8.550	164	74115	5.351	ug/L	97
48) 2-Hexanone	8.682	43	356105	50.042	ug/L	99
49) Dibromochloromethane	8.808	129	80379	5.547	ug/L	98
50) 1,2-Dibromoethane	8.920	107	63500	5.301	ug/L	94
51) Chlorobenzene	9.444	112	258466	5.337	ug/L	97
52) Ethylbenzene	9.566	91	428689	5.117	ug/L	100
53) m,p-Xylene	9.692	106	164253	5.247	ug/L	95
54) o-Xylene	10.097	106	158572	5.176	ug/L	99
55) Styrene	10.113	104	269709	5.493	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	83048	5.435	ug/L	99
59) Bromoform	10.287	173	45701	5.751	ug/L	98
60) Isopropylbenzene	10.483	105	441364	5.671	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	58684	5.472	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	341856	5.374	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	337997	5.720	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	202022	5.475	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	195658	5.313	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	186057	5.492	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11271	5.890	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	146740	5.820	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	109499	5.876	ug/L	99
71) Naphthalene	14.084	128	150478	5.576	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	91280	5.681	ug/L	97

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

