

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110623\
 Data File : VU056081.D
 Acq On : 06 Nov 2023 10:28
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005135

Quant Time: Nov 07 04:02:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 04 01:40:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	328234	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	317138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	156920	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	93583	3.604	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.914	69	81348	4.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.566	65	42446	3.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.634	46	245567	53.014	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.020%
24) Chloroform-d	5.062	84	217363	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.698	65	99907	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.727	84	421780	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.688	67	129616	4.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.897	98	378040	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.180	79	49480	4.518	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.634	63	193894	69.737	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.480%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98808	4.845	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	132312	4.519	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	77603	4.148	ug/L	99
3) Chloromethane	1.518	50	68934	3.859	ug/L	97
5) Vinyl chloride	1.605	62	78821	4.007	ug/L	95
6) Bromomethane	1.859	94	49154	4.033	ug/L	98
8) Chloroethane	1.936	64	49187	4.267	ug/L	99
9) Trichlorofluoromethane	2.139	101	123589	4.554	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	88547	4.968	ug/L	99
12) 1,1-Dichloroethene	2.579	96	73196	4.601	ug/L	91
13) Acetone	2.647	43	122753	46.504	ug/L	95
14) Carbon disulfide	2.795	76	161180	3.957	ug/L	99
15) Methyl Acetate	2.959	43	26010	4.837	ug/L	97
16) Methylene chloride	3.046	84	86669	4.808	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	185436	4.803	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	74183	4.703	ug/L	98
19) 1,1-Dichloroethane	3.869	63	156325	4.881	ug/L	99
21) 2-Butanone	4.717	43	180874	46.614	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	91544	4.793	ug/L	88
23) Bromochloromethane	4.971	128	39097	5.025	ug/L	97
25) Chloroform	5.084	83	170545	4.966	ug/L	99

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 MSVOA_U
 ClientSampleId :
 VSTD005135

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	92079	4.564	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	143313	4.958	ug/L	98
30) Cyclohexane	5.383	56	107309	4.400	ug/L	99
31) Carbon tetrachloride	5.521	117	120395	4.883	ug/L	96
33) Benzene	5.772	78	335201	4.790	ug/L	100
34) Trichloroethene	6.541	95	90613	4.628	ug/L	99
35) Methylcyclohexane	6.762	83	120094	4.545	ug/L	98
37) 1,2-Dichloropropane	6.788	63	91326	4.915	ug/L	99
38) Bromodichloromethane	7.103	83	116478	4.993	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	125909	4.756	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	426083	47.565	ug/L	97
42) Toluene	7.968	91	361446	4.942	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	104766	4.902	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	66258	5.071	ug/L	97
47) Tetrachloroethene	8.550	164	66709	4.866	ug/L	96
48) 2-Hexanone	8.685	43	336947	47.839	ug/L	97
49) Dibromochloromethane	8.807	129	75627	5.273	ug/L	99
50) 1,2-Dibromoethane	8.923	107	59027	4.979	ug/L	97
51) Chlorobenzene	9.444	112	237959	4.964	ug/L	99
52) Ethylbenzene	9.569	91	395553	4.771	ug/L	100
53) m,p-Xylene	9.692	106	149763	4.833	ug/L	98
54) o-Xylene	10.100	106	147116	4.852	ug/L	99
55) Styrene	10.113	104	245168	5.044	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	79758	5.273	ug/L	95
59) Bromoform	10.290	173	43658	5.469	ug/L	99
60) Isopropylbenzene	10.483	105	402626	5.149	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	53255	4.943	ug/L	95
62) 1,3,5-Trimethylbenzene	11.087	105	321348	5.029	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	315792	5.319	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	187030	5.046	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	179731	4.858	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	176448	5.185	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	10833	5.635	ug/L	98
69) 1,3,5-Trichlorobenzene	13.219	180	143091	5.649	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	105917	5.657	ug/L	99
71) Naphthalene	14.087	128	151071	5.572	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	91143	5.646	ug/L	99

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

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