

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056470.D
 Acq On : 18 Nov 2023 03:35
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005166

Quant Time: Nov 19 01:26:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	261228	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	255185	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126937	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	74090	3.792	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.911	69	63259	4.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.560	65	35159	4.077	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.627	46	217881	55.923	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.840%
24) Chloroform-d	5.058	84	181758	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.695	65	85790	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.721	84	325178	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.685	67	103058	4.498	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.894	98	283636	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.177	79	38959	4.433	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.627	63	187587	54.316	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.640%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86658	5.293	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	103593	4.418	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	106381	5.140	ug/L	99
3) Chloromethane	1.515	50	111469	5.270	ug/L	98
5) Vinyl chloride	1.599	62	103763	5.092	ug/L	98
6) Bromomethane	1.853	94	56953	5.521	ug/L	95
8) Chloroethane	1.930	64	63968	5.138	ug/L	94
9) Trichlorofluoromethane	2.132	101	154571	5.263	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	90227	5.175	ug/L	99
12) 1,1-Dichloroethene	2.576	96	82526	5.161	ug/L	85
13) Acetone	2.637	43	130390	39.294	ug/L	99
14) Carbon disulfide	2.788	76	235616	4.528	ug/L	99
15) Methyl Acetate	2.952	43	34124	5.779	ug/L	95
16) Methylene chloride	3.039	84	106373	5.027	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	219225	5.643	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	88998	5.409	ug/L	96
19) 1,1-Dichloroethane	3.862	63	182613	5.603	ug/L	98
21) 2-Butanone	4.708	43	213223	49.519	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	103748	5.560	ug/L	98
23) Bromochloromethane	4.968	128	43840	5.708	ug/L	95
25) Chloroform	5.081	83	197383	5.590	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	118074	5.889	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	166659	5.690	ug/L	99
30) Cyclohexane	5.383	56	120356	4.329	ug/L	99
31) Carbon tetrachloride	5.518	117	136500	5.425	ug/L	98
33) Benzene	5.769	78	387642	5.324	ug/L	100
34) Trichloroethene	6.537	95	110966	5.593	ug/L	99
35) Methylcyclohexane	6.759	83	120860	4.220	ug/L	99
37) 1,2-Dichloropropane	6.785	63	107211	5.646	ug/L	100
38) Bromodichloromethane	7.100	83	137227	5.598	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	143389	5.139	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	542323	57.617	ug/L	99
42) Toluene	7.965	91	409122	5.427	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	121943	5.482	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	75025	5.933	ug/L	95
47) Tetrachloroethene	8.550	164	69062	5.162	ug/L	97
48) 2-Hexanone	8.679	43	388021	52.915	ug/L	99
49) Dibromochloromethane	8.804	129	84233	5.857	ug/L	99
50) 1,2-Dibromoethane	8.920	107	69090	5.787	ug/L	97
51) Chlorobenzene	9.444	112	260081	5.369	ug/L	98
52) Ethylbenzene	9.566	91	437950	5.232	ug/L	99
53) m,p-Xylene	9.692	106	167424	5.440	ug/L	100
54) o-Xylene	10.097	106	162063	5.422	ug/L	98
55) Styrene	10.113	104	287935	5.791	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	89896	5.822	ug/L	99
59) Bromoform	10.286	173	48750	6.165	ug/L	97
60) Isopropylbenzene	10.479	105	427496	5.222	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	64474	5.920	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	345665	5.143	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	348629	5.255	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	202392	5.435	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	200470	5.367	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	191196	5.596	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	12881	5.537	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	145235	5.180	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	117679	5.153	ug/L	99
71) Naphthalene	14.084	128	180299	5.226	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	102972	5.474	ug/L	95

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

