

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122022\
 Data File : VU052462.D
 Acq On : 20 Dec 2022 16:45
 Operator : JC/MD
 Sample : VSTD00576
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005076

Quant Time: Dec 21 03:24:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 21 03:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	177854	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	174363	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	88542	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	90954	5.048	ug/L	0.00
7) Chloroethane-d5	1.916	69	76818	4.944	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	38788	5.003	ug/L	0.00
20) 2-Butanone-d5	4.652	46	268556	48.179	ug/L	0.00
24) Chloroform-d	5.060	84	151140	4.972	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	85107	4.826	ug/L	0.00
32) Benzene-d6	5.723	84	298756	4.998	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	100521	4.885	ug/L	0.00
41) Toluene-d8	7.896	98	264701	5.275	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	35920	5.098	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	191746	49.737	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	84736	4.850	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	87843	4.873	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	86334	5.455	ug/L	100
3) Chloromethane	1.520	50	114534	5.014	ug/L	100
5) Vinyl chloride	1.604	62	111137	5.367	ug/L	100
6) Bromomethane	1.858	94	60033	5.086	ug/L	100
8) Chloroethane	1.935	64	70264	4.954	ug/L	100
9) Trichlorofluoromethane	2.141	101	124383	5.313	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	74515	5.354	ug/L	100
12) 1,1-Dichloroethene	2.581	96	69804	5.241	ug/L	100
13) Acetone	2.671	43	197023	47.526	ug/L	98
14) Carbon disulfide	2.793	76	230427	5.369	ug/L	100
15) Methyl Acetate	2.964	43	43416	4.834	ug/L	100
16) Methylene chloride	3.044	84	89157	4.738	ug/L	100
17) Methyl tert-butyl Ether	3.363	73	179459	5.047	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	73303	5.340	ug/L	100
19) 1,1-Dichloroethane	3.867	63	157184	5.265	ug/L	100
21) 2-Butanone	4.726	43	310963	51.845	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	79034	5.246	ug/L	100
23) Bromochloromethane	4.973	128	37262	5.337	ug/L	100
25) Chloroform	5.083	83	147508	5.100	ug/L	100
27) 1,2-Dichloroethane	5.793	62	104051	5.207	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	116436	5.306	ug/L	100
30) Cyclohexane	5.388	56	128537	5.420	ug/L	100
31) Carbon tetrachloride	5.523	117	101938	5.286	ug/L	100
33) Benzene	5.771	78	335817	5.347	ug/L	100
34) Trichloroethene	6.539	95	76938	5.240	ug/L	100
35) Methylcyclohexane	6.761	83	122346	5.526	ug/L	100
37) 1,2-Dichloropropane	6.787	63	93282	5.323	ug/L	100
38) Bromodichloromethane	7.102	83	109940	5.154	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	115802	5.217	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	689379	53.830	ug/L	100
42) Toluene	7.967	91	337088	5.598	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	102369	5.234	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	64009	5.157	ug/L	100
47) Tetrachloroethene	8.549	164	54783	5.345	ug/L	100
48) 2-Hexanone	8.684	43	524103	54.832	ug/L	100
49) Dibromochloromethane	8.806	129	69063	5.255	ug/L	100
50) 1,2-Dibromoethane	8.922	107	59339	5.259	ug/L	100
51) Chlorobenzene	9.443	112	205012	5.331	ug/L	100
52) Ethylbenzene	9.568	91	335617	5.386	ug/L	100
53) m,p-Xylene	9.690	106	127101	5.531	ug/L	100
54) o-Xylene	10.095	106	123024	5.585	ug/L	100
55) Styrene	10.111	104	217997	5.689	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	87749	5.114	ug/L	100
59) Bromoform	10.285	173	38547	4.955	ug/L	100
60) Isopropylbenzene	10.481	105	318799	5.555	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	63750	5.020	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	254405	5.375	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	263680	5.534	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	152647	5.361	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	154078	5.232	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	146046	5.191	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	13543	4.711	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	110072	5.250	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	89492	5.072	ug/L	100
71) Naphthalene	14.082	128	170483	4.776	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	89808	5.079	ug/L	100

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

