

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011023\
 Data File : VU052644.D
 Acq On : 10 Jan 2023 14:59
 Operator : JC/MD
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010004

Quant Time: Jan 11 00:42:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:40:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	164515	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	161811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	89791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	148570	9.021	ug/L	0.00
7) Chloroethane-d5	1.916	69	122280	8.676	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	66926	9.399	ug/L	0.00
20) 2-Butanone-d5	4.642	46	429867	85.229	ug/L	0.00
24) Chloroform-d	5.060	84	278375	9.782	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	141515	8.707	ug/L	0.00
32) Benzene-d6	5.723	84	557712	9.939	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	181420	9.473	ug/L	0.00
41) Toluene-d8	7.893	98	501723	10.583	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	69480	10.425	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	323482	92.853	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	136713	8.535	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	167334	9.186	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	178104	11.687	ug/L	99
3) Chloromethane	1.520	50	204439	9.586	ug/L	98
5) Vinyl chloride	1.604	62	200611	10.405	ug/L	100
6) Bromomethane	1.858	94	108449	9.895	ug/L	95
8) Chloroethane	1.935	64	122650	9.343	ug/L	98
9) Trichlorofluoromethane	2.141	101	244428	10.951	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	143263	10.895	ug/L	100
12) 1,1-Dichloroethene	2.578	96	138480	10.953	ug/L	90
13) Acetone	2.674	43	270383	74.166	ug/L	58
14) Carbon disulfide	2.793	76	491662	11.820	ug/L	99
15) Methyl Acetate	2.961	43	68818	8.346	ug/L	96
16) Methylene chloride	3.044	84	176783	9.756	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	337857	10.226	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	149645	11.457	ug/L	98
19) 1,1-Dichloroethane	3.867	63	298720	10.627	ug/L	99
21) 2-Butanone	4.723	43	477762	87.648	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	160750	11.250	ug/L	99
23) Bromochloromethane	4.970	128	67819	10.439	ug/L	96
25) Chloroform	5.083	83	287985	10.513	ug/L	98
27) 1,2-Dichloroethane	5.790	62	181932	9.856	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	238664	11.297	ug/L	99
30) Cyclohexane	5.385	56	283347	12.396	ug/L	100
31) Carbon tetrachloride	5.523	117	203625	11.079	ug/L	99
33) Benzene	5.771	78	666850	11.132	ug/L	100
34) Trichloroethene	6.539	95	153607	11.000	ug/L	99
35) Methylcyclohexane	6.761	83	276465	12.877	ug/L	98
37) 1,2-Dichloropropane	6.787	63	174879	10.582	ug/L	98
38) Bromodichloromethane	7.102	83	205083	10.239	ug/L	95
39) cis-1,3-Dichloropropene	7.604	75	237564	11.333	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	1113137	96.307	ug/L	99
42) Toluene	7.964	91	680353	11.784	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	203229	10.996	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.395	97	110380	9.667	ug/L	96
47) Tetrachloroethene	8.549	164	113720	11.557	ug/L	99
48) 2-Hexanone	8.681	43	811986	93.727	ug/L	99
49) Dibromochloromethane	8.806	129	128552	10.379	ug/L	97
50) 1,2-Dibromoethane	8.919	107	103248	9.888	ug/L	99
51) Chlorobenzene	9.443	112	407026	11.148	ug/L	98
52) Ethylbenzene	9.565	91	721874	12.110	ug/L	100
53) m,p-Xylene	9.690	106	282404	12.738	ug/L	99
54) o-Xylene	10.095	106	266051	12.521	ug/L	96
55) Styrene	10.108	104	466439	12.658	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	144649	9.174	ug/L	97
59) Bromoform	10.285	173	70461	9.009	ug/L	99
60) Isopropylbenzene	10.481	105	703865	11.895	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	103092	8.237	ug/L	97
62) 1,3,5-Trimethylbenzene	11.083	105	585024	12.001	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	597996	12.245	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	314484	10.781	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	316961	10.538	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	288824	10.087	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	23594	8.257	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.214	180	225613	10.579	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	186955	10.498	ug/L	98
71) Naphthalene	14.082	128	336045	9.514	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	172289	9.810	ug/L	99

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

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