

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047534.D
 Acq On : 14 Mar 2022 14:34
 Operator : SY/MD
 Sample : VSTD01022
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010022

Quant Time: Mar 15 05:16:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:13:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	155144	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	151383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	101342	9.988	ug/L	0.00
7) Chloroethane-d5	1.919	69	94005	10.209	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	47709	10.027	ug/L	0.00
20) 2-Butanone-d5	4.639	46	278902	95.533	ug/L	0.00
24) Chloroform-d	5.067	84	222537	9.988	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	118639	9.827	ug/L	0.00
32) Benzene-d6	5.729	84	450530	10.224	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	139758	10.085	ug/L	0.00
41) Toluene-d8	7.899	98	428919	10.381	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	60923	10.457	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	326597	108.139	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	139357	10.070	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	182913	9.907	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	101083	10.590	ug/L	99
3) Chloromethane	1.523	50	92310	9.860	ug/L	99
5) Vinyl chloride	1.607	62	97414	10.090	ug/L	99
6) Bromomethane	1.861	94	46196	10.170	ug/L	99
8) Chloroethane	1.938	64	59028	10.117	ug/L	99
9) Trichlorofluoromethane	2.144	101	130311	10.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	84517	10.578	ug/L	99
12) 1,1-Dichloroethene	2.584	96	78676	10.179	ug/L	97
13) Acetone	2.652	43	103158	90.624	ug/L	100
14) Carbon disulfide	2.800	76	230524	9.914	ug/L	99
15) Methyl Acetate	2.961	43	29968	9.545	ug/L	97
16) Methylene chloride	3.051	84	93105	8.166	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	200954	10.133	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	84389	10.157	ug/L	97
19) 1,1-Dichloroethane	3.874	63	147197	10.071	ug/L	99
21) 2-Butanone	4.719	43	209025	96.516	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	94442	10.245	ug/L	98
23) Bromochloromethane	4.980	128	46354	9.909	ug/L	92
25) Chloroform	5.092	83	159051	9.899	ug/L	100
27) 1,2-Dichloroethane	5.797	62	100229	9.752	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	136365	10.129	ug/L	99
30) Cyclohexane	5.391	56	125475	10.794	ug/L	98
31) Carbon tetrachloride	5.530	117	121571	10.266	ug/L	99
33) Benzene	5.777	78	352495	10.306	ug/L	100
34) Trichloroethene	6.546	95	93677	10.335	ug/L	99
35) Methylcyclohexane	6.764	83	145311	11.139	ug/L	99
37) 1,2-Dichloropropane	6.793	63	90191	10.289	ug/L	99
38) Bromodichloromethane	7.108	83	122085	10.115	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	141669	10.400	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	636278	104.137	ug/L	99
42) Toluene	7.970	91	385488	10.396	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	127705	10.510	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	74874	9.964	ug/L	99
47) Tetrachloroethene	8.555	164	79510	10.284	ug/L	96
48) 2-Hexanone	8.687	43	471106	101.311	ug/L	99
49) Dibromochloromethane	8.812	129	96487	10.423	ug/L	99
50) 1,2-Dibromoethane	8.925	107	76157	10.249	ug/L	100
51) Chlorobenzene	9.449	112	258581	10.210	ug/L	100
52) Ethylbenzene	9.571	91	415941	10.591	ug/L	100
53) m,p-Xylene	9.693	106	165154	10.877	ug/L	98
54) o-Xylene	10.102	106	161234	10.749	ug/L	96
55) Styrene	10.115	104	281251	10.917	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	104811	10.403	ug/L	98
59) Bromoform	10.291	173	64091	10.282	ug/L	98
60) Isopropylbenzene	10.484	105	419877	10.519	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	72092	9.728	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	274022	10.752	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	359487	10.866	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	226231	10.162	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	226456	9.958	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	218186	9.912	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	17034	9.581	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	188768	10.030	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	164925	9.962	ug/L	99
71) Naphthalene	14.086	128	300077	9.766	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	153729	9.677	ug/L	99

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

