

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047535.D
 Acq On : 14 Mar 2022 14:58
 Operator : SY/MD
 Sample : VSTD02023
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020023

Quant Time: Mar 15 05:16:30 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	155101	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	150671	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90388	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	211708	20.872	ug/L	0.00
7) Chloroethane-d5	1.919	69	190418	20.684	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	99649	20.949	ug/L	0.00
20) 2-Butanone-d5	4.642	46	736060	252.196	ug/L	0.00
24) Chloroform-d	5.067	84	457620	20.546	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	242966	20.131	ug/L	0.00
32) Benzene-d6	5.729	84	927812	21.154	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	288251	20.898	ug/L	0.00
41) Toluene-d8	7.899	98	880748	21.417	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	128126	22.095	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	695596	231.405	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	296278	21.510	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	389557	20.625	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	197938	20.742	ug/L	100
3) Chloromethane	1.523	50	180269	19.261	ug/L	100
5) Vinyl chloride	1.607	62	193117	20.009	ug/L	100
6) Bromomethane	1.864	94	97297	21.427	ug/L	100
8) Chloroethane	1.938	64	115204	19.750	ug/L	99
9) Trichlorofluoromethane	2.144	101	262416	20.739	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	169180	21.179	ug/L	100
12) 1,1-Dichloroethene	2.584	96	158382	20.498	ug/L	95
13) Acetone	2.658	43	280721	246.682	ug/L	87
14) Carbon disulfide	2.800	76	459076	19.749	ug/L	99
15) Methyl Acetate	2.961	43	72309	23.038	ug/L	96
16) Methylene chloride	3.051	84	179276	15.728	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	407064	20.532	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	166185	20.007	ug/L	99
19) 1,1-Dichloroethane	3.874	63	291835	19.973	ug/L	98
21) 2-Butanone	4.722	43	520628	240.463	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	189256	20.536	ug/L	99
23) Bromochloromethane	4.980	128	95399	20.399	ug/L	96
25) Chloroform	5.092	83	319781	19.907	ug/L	98
27) 1,2-Dichloroethane	5.796	62	208622	20.305	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	275117	20.532	ug/L	99
30) Cyclohexane	5.391	56	256124	22.136	ug/L	99
31) Carbon tetrachloride	5.530	117	244481	20.743	ug/L	99
33) Benzene	5.777	78	697634	20.493	ug/L	100
34) Trichloroethene	6.546	95	184690	20.473	ug/L	99
35) Methylcyclohexane	6.764	83	298734	23.009	ug/L	98
37) 1,2-Dichloropropane	6.793	63	180290	20.665	ug/L	99
38) Bromodichloromethane	7.108	83	243639	20.281	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	291225	21.481	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	1298107	213.460	ug/L	100
42) Toluene	7.970	91	776707	21.045	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	263240	21.766	ug/L	99

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45) 1,1,2-Trichloroethane	8.401	97	151694	20.282	ug/L	98
47) Tetrachloroethene	8.555	164	160513	20.860	ug/L	99
48) 2-Hexanone	8.690	43	952941	205.898	ug/L	99
49) Dibromochloromethane	8.812	129	192937	20.941	ug/L	100
50) 1,2-Dibromoethane	8.925	107	152023	20.555	ug/L	99
51) Chlorobenzene	9.449	112	519653	20.615	ug/L	99
52) Ethylbenzene	9.571	91	852538	21.811	ug/L	100
53) m,p-Xylene	9.693	106	337105	22.306	ug/L	96
54) o-Xylene	10.102	106	329922	22.098	ug/L	99
55) Styrene	10.115	104	586509	22.874	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	214025	21.344	ug/L	99
59) Bromoform	10.291	173	132793	20.825	ug/L	99
60) Isopropylbenzene	10.484	105	879869	21.548	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	147238	19.421	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	590567	22.652	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	772294	22.821	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	470419	20.657	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	468812	20.152	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	453008	20.119	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	35249	19.381	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	392535	20.390	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	347497	20.519	ug/L	100
71) Naphthalene	14.085	128	643634	20.476	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	317835	19.557	ug/L	99

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

