

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045521.D
 Acq On : 03 Nov 2021 14:04
 Operator : SY/MD
 Sample : VSTD01031
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010031

Quant Time: Nov 09 07:08:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 07:04:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	168532	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	162452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81682	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	137338	12.847	ug/L	0.00
7) Chloroethane-d5	1.919	69	90453	9.157	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	52104	10.250	ug/L	0.00
20) 2-Butanone-d5	4.639	46	447402	115.667	ug/L	0.00
24) Chloroform-d	5.070	84	234956	11.061	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	130320	10.554	ug/L	0.00
32) Benzene-d6	5.732	84	492699	11.543	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	154155	11.072	ug/L	0.00
41) Toluene-d8	7.903	98	435900	11.677	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	65881	13.041	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	382706	120.247	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	136138	11.129	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	155676	11.225	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	148865	10.920	ug/L	99
3) Chloromethane	1.520	50	172003	10.549	ug/L	99
5) Vinyl chloride	1.607	62	169026	10.329	ug/L	99
6) Bromomethane	1.861	94	77797	9.323	ug/L	99
8) Chloroethane	1.938	64	78529	7.990	ug/L	99
9) Trichlorofluoromethane	2.144	101	139482	8.026	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	107248	9.519	ug/L	98
12) 1,1-Dichloroethene	2.584	96	106179	9.890	ug/L	97
13) Acetone	2.662	43	216275	82.470	ug/L	100
14) Carbon disulfide	2.800	76	365718	10.423	ug/L	100
15) Methyl Acetate	2.961	43	56502	11.050	ug/L	99
16) Methylene chloride	3.051	84	128785	7.879	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	312675	10.443	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	122054	10.554	ug/L	96
19) 1,1-Dichloroethane	3.877	63	222847	9.782	ug/L	97
21) 2-Butanone	4.719	43	417368	99.723	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	132643	11.036	ug/L	94
23) Bromochloromethane	4.980	128	55045	10.404	ug/L	97
25) Chloroform	5.092	83	215643	9.201	ug/L	99
27) 1,2-Dichloroethane	5.800	62	146953	9.380	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	179978	10.368	ug/L	99
30) Cyclohexane	5.395	56	220264	10.827	ug/L	99
31) Carbon tetrachloride	5.530	117	143748	10.524	ug/L	99
33) Benzene	5.777	78	512184	10.653	ug/L	100
34) Trichloroethene	6.546	95	123106	10.518	ug/L	96
35) Methylcyclohexane	6.768	83	222947	11.267	ug/L	98
37) 1,2-Dichloropropane	6.793	63	129964	10.149	ug/L	99
38) Bromodichloromethane	7.108	83	158956	10.360	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	198466	10.865	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	939166	96.673	ug/L	99
42) Toluene	7.973	91	537255	10.704	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	168110	10.823	ug/L	100

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45) 1,1,2-Trichloroethane	8.404	97	94201	10.301	ug/L	98
47) Tetrachloroethene	8.555	164	88266	10.644	ug/L	98
48) 2-Hexanone	8.687	43	683921	94.682	ug/L	100
49) Dibromochloromethane	8.812	129	99644	10.458	ug/L	98
50) 1,2-Dibromoethane	8.928	107	90237	10.566	ug/L	99
51) Chlorobenzene	9.449	112	318891	10.294	ug/L	99
52) Ethylbenzene	9.575	91	571765	10.598	ug/L	99
53) m,p-Xylene	9.697	106	221651	10.799	ug/L	98
54) o-Xylene	10.102	106	214240	10.910	ug/L	97
55) Styrene	10.118	104	366063	10.799	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	127580	10.466	ug/L	99
59) Bromoform	10.295	173	53469	10.817	ug/L	100
60) Isopropylbenzene	10.488	105	558785	11.111	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	90799	10.264	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	487739	11.422	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	492031	11.321	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	247525	10.460	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	245651	10.112	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	237324	10.577	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	21175	10.844	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	186083	10.311	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	166061	10.811	ug/L	99
71) Naphthalene	14.089	128	372798	11.960	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	157682	11.108	ug/L	98

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

