

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045789.D
 Acq On : 15 Nov 2021 12:59
 Operator : SY/MD
 Sample : VSTD02038
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020038

Quant Time: Nov 16 02:25:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:21:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	106203	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	54364	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	169803	19.208	ug/L	0.00
7) Chloroethane-d5	1.912	69	111845	19.086	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	72046	20.459	ug/L	0.00
20) 2-Butanone-d5	4.629	46	463482	180.551	ug/L	-0.01
24) Chloroform-d	5.067	84	297369	20.349	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	162144	21.178	ug/L	0.00
32) Benzene-d6	5.732	84	605705	20.086	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	189076	18.816	ug/L	0.00
41) Toluene-d8	7.903	98	555062	19.857	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	82090	20.257	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	394231	179.243	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	159749	18.142	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	193900	18.893	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	177314	19.181	ug/L	99
3) Chloromethane	1.520	50	180232	16.657	ug/L	99
5) Vinyl chloride	1.604	62	188456	18.073	ug/L	100
6) Bromomethane	1.858	94	101661	20.639	ug/L	100
8) Chloroethane	1.932	64	95752	19.293	ug/L	98
9) Trichlorofluoromethane	2.138	101	245517	25.945	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	142611	20.666	ug/L	98
12) 1,1-Dichloroethene	2.581	96	135781	20.292	ug/L	91
13) Acetone	2.642	43	260165	191.486	ug/L	99
14) Carbon disulfide	2.797	76	422361	18.364	ug/L	99
15) Methyl Acetate	2.954	43	65282	18.487	ug/L	97
16) Methylene chloride	3.047	84	152472	17.965	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	369574	19.703	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	147161	19.919	ug/L	96
19) 1,1-Dichloroethane	3.874	63	272736	20.055	ug/L	99
21) 2-Butanone	4.710	43	459903	198.107	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	160947	20.415	ug/L	97
23) Bromochloromethane	4.980	128	70095	20.572	ug/L	99
25) Chloroform	5.092	83	279264	20.641	ug/L	99
27) 1,2-Dichloroethane	5.797	62	184079	22.070	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	242216	22.528	ug/L	99
30) Cyclohexane	5.391	56	247861	19.744	ug/L	99
31) Carbon tetrachloride	5.530	117	207155	23.286	ug/L	99
33) Benzene	5.777	78	609279	19.943	ug/L	100
34) Trichloroethene	6.546	95	156894	19.685	ug/L	97
35) Methylcyclohexane	6.768	83	268140	19.936	ug/L	97
37) 1,2-Dichloropropane	6.797	63	161110	19.651	ug/L	100
38) Bromodichloromethane	7.108	83	202919	21.731	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	250143	21.382	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	1072296	195.225	ug/L	98
42) Toluene	7.973	91	650820	19.502	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	214076	20.822	ug/L	99

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45) 1,1,2-Trichloroethane	8.404	97	117432	19.854	ug/L	98
47) Tetrachloroethene	8.558	164	112447	19.899	ug/L	96
48) 2-Hexanone	8.687	43	780469	193.317	ug/L	99
49) Dibromochloromethane	8.816	129	138495	23.073	ug/L	98
50) 1,2-Dibromoethane	8.928	107	113467	21.142	ug/L	98
51) Chlorobenzene	9.452	112	397919	20.023	ug/L	100
52) Ethylbenzene	9.575	91	711331	20.635	ug/L	99
53) m,p-Xylene	9.697	106	275087	20.484	ug/L	96
54) o-Xylene	10.105	106	264903	20.201	ug/L	94
55) Styrene	10.118	104	458763	20.959	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	150111	18.938	ug/L	96
59) Bromoform	10.295	173	77302	22.196	ug/L	99
60) Isopropylbenzene	10.488	105	712945	20.291	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	109978	18.240	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	628637	21.417	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	629176	21.344	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	312382	19.478	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	313537	19.414	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	296639	19.108	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	25799	19.479	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	241425	20.462	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	212351	20.372	ug/L	100
71) Naphthalene	14.089	128	459424	20.731	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	202904	20.389	ug/L	99

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

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