

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046526.D
 Acq On : 21 Dec 2021 13:53
 Operator : SY/MD
 Sample : VSTD02044
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020044

Quant Time: Dec 21 14:16:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 13:53:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	85449	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	86878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50187	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	139794	20.796	ug/L	0.01
7) Chloroethane-d5	1.919	69	106841	21.845	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	61134	21.948	ug/L	0.01
20) 2-Butanone-d5	4.665	46	440528	244.260	ug/L	0.01
24) Chloroform-d	5.070	84	255659	22.426	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	144294	21.723	ug/L	0.00
32) Benzene-d6	5.732	84	489832	20.477	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	145186	19.403	ug/L	0.00
41) Toluene-d8	7.903	98	447982	20.662	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	70706	22.750	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	454156	303.974	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	155800	24.023	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	183520	21.079	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	293077	35.776	ug/L	100
3) Chloromethane	1.523	50	219917	26.931	ug/L	100
5) Vinyl chloride	1.610	62	226798	27.873	ug/L	100
6) Bromomethane	1.864	94	135243	27.964	ug/L	99
8) Chloroethane	1.941	64	127472	27.274	ug/L	98
9) Trichlorofluoromethane	2.147	101	309474	29.530	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	165514	27.873	ug/L	96
12) 1,1-Dichloroethene	2.588	96	157345	27.546	ug/L #	79
13) Acetone	2.697	43	361176	306.479	ug/L	93
14) Carbon disulfide	2.800	76	521208	28.436	ug/L	100
15) Methyl Acetate	2.970	43	73102	25.182	ug/L #	89
16) Methylene chloride	3.054	84	174996	21.136	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	462612	29.801	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	167629	27.116	ug/L	96
19) 1,1-Dichloroethane	3.877	63	294933	25.620	ug/L	99
21) 2-Butanone	4.739	43	613065	307.860	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	181066	27.093	ug/L	97
23) Bromochloromethane	4.980	128	85253	28.365	ug/L	91
25) Chloroform	5.092	83	314460	25.219	ug/L	98
27) 1,2-Dichloroethane	5.800	62	227893	27.766	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	288747	27.275	ug/L	97
30) Cyclohexane	5.395	56	274707	27.446	ug/L	96
31) Carbon tetrachloride	5.530	117	248807	28.163	ug/L	99
33) Benzene	5.777	78	675605	25.346	ug/L	100
34) Trichloroethene	6.546	95	179193	25.910	ug/L	98
35) Methylcyclohexane	6.768	83	307664	29.563	ug/L	95
37) 1,2-Dichloropropane	6.793	63	173691	24.802	ug/L	98
38) Bromodichloromethane	7.108	83	238396	27.036	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	281554	27.925	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	1375758	290.041	ug/L	96
42) Toluene	7.973	91	730926	26.700	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	260624	29.275	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	145872	27.053	ug/L	97
47) Tetrachloroethene	8.555	164	134567	28.055	ug/L	97
48) 2-Hexanone	8.694	43	1022692	299.438	ug/L	97
49) Dibromochloromethane	8.812	129	176727	28.815	ug/L	97
50) 1,2-Dibromoethane	8.928	107	147746	29.080	ug/L	97
51) Chlorobenzene	9.449	112	457807	26.734	ug/L	99
52) Ethylbenzene	9.571	91	807438	28.328	ug/L	100
53) m,p-Xylene	9.697	106	315703	29.044	ug/L	94
54) o-Xylene	10.102	106	306071	28.969	ug/L	94
55) Styrene	10.115	104	540073	30.251	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	202712	29.477	ug/L	96
59) Bromoform	10.295	173	113134	28.884	ug/L	98
60) Isopropylbenzene	10.484	105	819145	25.704	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	152476	25.642	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	733869	27.945	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	754084	28.627	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	390410	26.128	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	392765	25.877	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	382779	26.551	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	38595	30.240	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	307423	27.379	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	271311	28.583	ug/L	100
71) Naphthalene	14.086	128	641875	31.724	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	256386	27.020	ug/L	98

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

