

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049880.D
 Acq On : 25 Jul 2022 20:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005129

Quant Time: Jul 26 06:43:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 05:33:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	97442	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	91512	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	36563	4.635	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.909	69	33547	5.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.562	65	17260	4.902	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.645	46	151023	53.206	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.420%
24) Chloroform-d	5.063	84	86469	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.703	65	49171	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.726	84	158015	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.690	67	54284	5.039	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.899	98	138750	5.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.179	79	17336	4.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.636	63	85342	55.064	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46896	5.184	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	46589	5.131	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	54601	5.308	ug/L	100
3) Chloromethane	1.520	50	53456	4.224	ug/L	98
5) Vinyl chloride	1.601	62	46841	4.426	ug/L	100
6) Bromomethane	1.855	94	23286	4.069	ug/L	100
8) Chloroethane	1.932	64	27005	4.428	ug/L	99
9) Trichlorofluoromethane	2.134	101	65641	5.045	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	34946	5.492	ug/L	95
12) 1,1-Dichloroethene	2.575	96	30804	4.784	ug/L	93
13) Acetone	2.658	43	72304	42.351	ug/L	97
14) Carbon disulfide	2.790	76	91026	4.570	ug/L	100
15) Methyl Acetate	2.964	43	18009	4.231	ug/L	100
16) Methylene chloride	3.044	84	49987	3.442	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	87257	4.183	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	31087	4.177	ug/L	92
19) 1,1-Dichloroethane	3.867	63	70325	4.372	ug/L	98
21) 2-Butanone	4.723	43	124998	43.169	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	36905	4.281	ug/L	98
23) Bromochloromethane	4.973	128	17191	4.465	ug/L	97
25) Chloroform	5.089	83	72321	4.238	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	49927	4.260	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	61308	4.772	ug/L	98
30) Cyclohexane	5.388	56	56684	5.449	ug/L	99
31) Carbon tetrachloride	5.523	117	51380	4.925	ug/L	98
33) Benzene	5.774	78	149682	4.507	ug/L	100
34) Trichloroethene	6.542	95	36960	4.591	ug/L	98
35) Methylcyclohexane	6.761	83	51917	5.228	ug/L	99
37) 1,2-Dichloropropane	6.793	63	41536	4.389	ug/L	100
38) Bromodichloromethane	7.105	83	51054	4.318	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	50941	4.084	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	293650	44.483	ug/L	99
42) Toluene	7.970	91	151442	4.560	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	43959	4.083	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	29360	4.347	ug/L	94
47) Tetrachloroethene	8.552	164	26279	4.741	ug/L	99
48) 2-Hexanone	8.687	43	228547	46.386	ug/L	99
49) Dibromochloromethane	8.812	129	32718	4.334	ug/L	91
50) 1,2-Dibromoethane	8.925	107	26553	4.427	ug/L	99
51) Chlorobenzene	9.446	112	90184	4.277	ug/L	99
52) Ethylbenzene	9.571	91	149126	4.367	ug/L	99
53) m,p-Xylene	9.693	106	54765	4.359	ug/L	98
54) o-Xylene	10.102	106	56040	4.514	ug/L	98
55) Styrene	10.115	104	92865	4.416	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	38620	4.426	ug/L	98
59) Bromoform	10.291	173	18402	4.806	ug/L	98
60) Isopropylbenzene	10.484	105	146598	5.037	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	28247	4.819	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	115959	4.715	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	115096	4.822	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	66276	4.606	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	64335	4.519	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	65236	4.589	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	6093	4.647	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	45750	4.306	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	37840	4.242	ug/L	100
71) Naphthalene	14.086	128	75080	4.317	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	37650	4.392	ug/L	97

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

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