

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047406.D
 Acq On : 09 Mar 2022 15:23
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV018

Quant Time: Mar 10 00:47:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	178813	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	170815	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95612	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46735	4.819	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.919	69	35375	4.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.571	65	21085	4.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	4.642	46	84292	48.819	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.640%
24) Chloroform-d	5.070	84	75970	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.706	65	36643	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.732	84	156300	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.694	67	45438	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.899	98	156210	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.182	79	20220	5.010	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.639	63	87751	49.360	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.720%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39845	4.810	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	60483	4.989	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	68354	5.106	ug/L	99
3) Chloromethane	1.523	50	66003	4.937	ug/L	98
5) Vinyl chloride	1.607	62	66639	5.068	ug/L	97
6) Bromomethane	1.864	94	38032	5.072	ug/L	99
8) Chloroethane	1.938	64	40158	5.028	ug/L	100
9) Trichlorofluoromethane	2.144	101	89745	5.180	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	55274	5.167	ug/L	99
12) 1,1-Dichloroethene	2.588	96	52443	4.995	ug/L	97
13) Acetone	2.652	43	78215	49.303	ug/L	97
14) Carbon disulfide	2.800	76	162720	5.049	ug/L	100
15) Methyl Acetate	2.961	43	19949	4.759	ug/L #	90
16) Methylene chloride	3.051	84	58802	4.692	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	134916	4.983	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	55981	4.981	ug/L	99
19) 1,1-Dichloroethane	3.877	63	96152	5.030	ug/L	97
21) 2-Butanone	4.723	43	133719	46.806	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	62157	4.991	ug/L	99
23) Bromochloromethane	4.980	128	30548	5.133	ug/L	99
25) Chloroform	5.092	83	102642	4.959	ug/L	96

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27) 1,2-Dichloroethane	5.796	62	65799	4.938	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	88912	5.038	ug/L	99
30) Cyclohexane	5.395	56	86316	5.077	ug/L	99
31) Carbon tetrachloride	5.530	117	77790	5.018	ug/L	96
33) Benzene	5.777	78	228157	4.946	ug/L	100
34) Trichloroethene	6.546	95	62965	5.106	ug/L	99
35) Methylcyclohexane	6.767	83	99525	5.116	ug/L	98
37) 1,2-Dichloropropane	6.793	63	56209	4.892	ug/L	100
38) Bromodichloromethane	7.108	83	76623	5.023	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	88318	5.070	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	388251	49.572	ug/L	99
42) Toluene	7.970	91	254984	5.088	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	77951	4.962	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	47967	5.094	ug/L	99
47) Tetrachloroethene	8.555	164	54133	5.174	ug/L	98
48) 2-Hexanone	8.687	43	287410	50.581	ug/L	99
49) Dibromochloromethane	8.812	129	57510	5.028	ug/L	96
50) 1,2-Dibromoethane	8.925	107	48743	5.087	ug/L	100
51) Chlorobenzene	9.449	112	169980	5.070	ug/L	99
52) Ethylbenzene	9.571	91	276725	5.098	ug/L	99
53) m,p-Xylene	9.697	106	108817	5.111	ug/L	98
54) o-Xylene	10.102	106	105953	5.136	ug/L	98
55) Styrene	10.115	104	179293	5.141	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	62993	4.998	ug/L	98
59) Bromoform	10.295	173	36822	5.115	ug/L	98
60) Isopropylbenzene	10.484	105	280850	5.250	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	44364	5.009	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	184233	5.251	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	240408	5.282	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	146585	5.170	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	147193	5.112	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	139969	5.138	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	10733	5.376	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	127101	5.465	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	113469	5.474	ug/L	99
71) Naphthalene	14.085	128	211927	5.716	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	104864	5.517	ug/L	99

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

