

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051340.D
 Acq On : 10 Oct 2022 20:35
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005172

Quant Time: Oct 11 01:04:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 00:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	183924	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	199094	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	104472	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60037	4.047	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.909	69	58613	4.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.565	65	24120	4.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.620	46	183933	56.310	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.620%
24) Chloroform-d	5.060	84	152649	5.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
26) 1,2-Dichloroethane-d4	5.700	65	78326	5.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.726	84	272078	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.690	67	93533	5.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.896	98	256764	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	8.176	79	31605	5.172	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.629	63	112697	54.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.440%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	83155	5.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	86998	4.791	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	77225	5.147	ug/L	100
3) Chloromethane	1.520	50	104861	4.978	ug/L	98
5) Vinyl chloride	1.604	62	105732	5.117	ug/L	97
6) Bromomethane	1.854	94	60328	5.361	ug/L	97
8) Chloroethane	1.932	64	68562	5.203	ug/L	98
9) Trichlorofluoromethane	2.137	101	124027	5.207	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	71136	4.976	ug/L	99
12) 1,1-Dichloroethene	2.578	96	66433	4.953	ug/L	93
13) Acetone	2.623	43	122760	50.108	ug/L	97
14) Carbon disulfide	2.790	76	206533	5.027	ug/L	98
15) Methyl Acetate	2.948	43	31391	5.271	ug/L	95
16) Methylene chloride	3.044	84	104047	5.254	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	150538	4.900	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	73410	5.202	ug/L	95
19) 1,1-Dichloroethane	3.867	63	159204	5.467	ug/L	98
21) 2-Butanone	4.700	43	199343	51.630	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	83756	5.359	ug/L	95
23) Bromochloromethane	4.973	128	41105	5.512	ug/L	98
25) Chloroform	5.086	83	164636	5.413	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	101373	5.564	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	120918	5.069	ug/L	98
30) Cyclohexane	5.388	56	85266	4.214	ug/L	99
31) Carbon tetrachloride	5.523	117	102281	5.067	ug/L	98
33) Benzene	5.774	78	346497	5.213	ug/L	100
34) Trichloroethene	6.539	95	81170	4.895	ug/L	98
35) Methylcyclohexane	6.761	83	91999	4.398	ug/L	98
37) 1,2-Dichloropropane	6.790	63	94909	5.210	ug/L	99
38) Bromodichloromethane	7.105	83	115105	5.297	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	104985	4.794	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	470936	49.273	ug/L	99
42) Toluene	7.967	91	368213	5.219	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	96103	5.075	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	66881	5.229	ug/L	96
47) Tetrachloroethene	8.552	164	58514	4.800	ug/L	99
48) 2-Hexanone	8.681	43	379659	53.349	ug/L	98
49) Dibromochloromethane	8.809	129	74032	5.155	ug/L	97
50) 1,2-Dibromoethane	8.922	107	60939	5.352	ug/L	100
51) Chlorobenzene	9.446	112	220260	5.225	ug/L	99
52) Ethylbenzene	9.568	91	324242	5.114	ug/L	99
53) m,p-Xylene	9.693	106	126585	5.148	ug/L	98
54) o-Xylene	10.098	106	120866	5.195	ug/L	99
55) Styrene	10.111	104	216492	5.406	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	86486	5.462	ug/L	97
59) Bromoform	10.288	173	39826	4.582	ug/L	98
60) Isopropylbenzene	10.481	105	305211	4.612	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	60513	4.587	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	74648	4.253	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	211266	4.256	ug/L	98
64) 1,3-Dichlorobenzene	11.741	146	163697	5.001	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	158627	4.917	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	153358	4.820	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	11993	4.753	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	109108	4.836	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	76452	4.768	ug/L	98
71) Naphthalene	14.085	128	116563	3.911	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	77274	4.659	ug/L	99

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

