

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046882.D
 Acq On : 27 Jan 2022 20:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005175

Quant Time: Jan 28 01:03:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 00:56:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	107682	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62376	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34481	3.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.919	69	32097	4.465	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.575	65	15609	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.652	46	123544	45.704	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.400%
24) Chloroform-d	5.066	84	76586	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.706	65	40662	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.732	84	145903	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.693	67	45888	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.899	98	130010	4.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.182	79	17766	3.944	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.635	63	111635	41.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45227	4.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	47167	4.032	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	56526	5.581	ug/L	99
3) Chloromethane	1.526	50	49876	5.980	ug/L	99
5) Vinyl chloride	1.610	62	51497	5.930	ug/L	97
6) Bromomethane	1.864	94	19694	3.624	ug/L	97
8) Chloroethane	1.941	64	31096	6.221	ug/L	99
9) Trichlorofluoromethane	2.147	101	64617	6.106	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	36390	5.783	ug/L	99
12) 1,1-Dichloroethene	2.587	96	35289	5.869	ug/L	83
13) Acetone	2.671	43	67578	45.965	ug/L	60
14) Carbon disulfide	2.800	76	108972	5.518	ug/L	99
15) Methyl Acetate	2.967	43	14336	4.464	ug/L #	88
16) Methylene chloride	3.054	84	39421	5.429	ug/L	94
17) Methyl tert-butyl Ether	3.372	73	84071	4.983	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	36891	5.665	ug/L	91
19) 1,1-Dichloroethane	3.877	63	64513	5.901	ug/L	99
21) 2-Butanone	4.729	43	109530	46.323	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	39415	5.737	ug/L	98
23) Bromochloromethane	4.980	128	17803	5.267	ug/L	95
25) Chloroform	5.092	83	67765	3.905	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	44121	5.760	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	58181	5.557	ug/L	98
30) Cyclohexane	5.394	56	53545	5.042	ug/L	98
31) Carbon tetrachloride	5.529	117	49275	5.485	ug/L	99
33) Benzene	5.777	78	149739	5.472	ug/L	100
34) Trichloroethene	6.546	95	40098	5.643	ug/L	98
35) Methylcyclohexane	6.764	83	56193	4.722	ug/L	96
37) 1,2-Dichloropropane	6.793	63	38415	5.722	ug/L	99
38) Bromodichloromethane	7.108	83	47518	4.918	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	50380	4.810	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	240928	48.953	ug/L	97
42) Toluene	7.970	91	158406	4.843	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	45155	4.839	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	29724	5.204	ug/L	98
47) Tetrachloroethene	8.555	164	30361	5.254	ug/L	98
48) 2-Hexanone	8.687	43	185119	49.832	ug/L	97
49) Dibromochloromethane	8.812	129	32533	4.829	ug/L	97
50) 1,2-Dibromoethane	8.925	107	28662	4.951	ug/L	93
51) Chlorobenzene	9.449	112	94392	4.969	ug/L	100
52) Ethylbenzene	9.571	91	155694	5.007	ug/L	98
53) m,p-Xylene	9.697	106	61059	4.925	ug/L	97
54) o-Xylene	10.102	106	58894	4.901	ug/L	95
55) Styrene	10.118	104	99297	5.051	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	38974	5.074	ug/L	98
59) Bromoform	10.295	173	17383	4.526	ug/L	99
60) Isopropylbenzene	10.484	105	152075	5.234	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28558	5.403	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	116838	4.899	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	119071	4.852	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	73237	5.043	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	73699	5.042	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	69870	4.974	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5670	5.168	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	51586	4.505	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	42403	4.429	ug/L	99
71) Naphthalene	14.085	128	82875	4.252	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	43491	4.810	ug/L	99

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

