

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057570.D
 Acq On : 23 Jan 2024 14:49
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV034

Quant Time: Jan 24 00:52:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:42:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	72074	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65293	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	20074	5.055	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.914	69	16016	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.567	65	9542	5.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	4.637	46	40608	54.206	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.420%
24) Chloroform-d	5.055	84	41296	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.695	65	19173	5.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.721	84	79467	5.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.685	67	23838	5.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.891	98	75233	5.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.177	79	9648	5.240	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.631	63	31174	53.069	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.140%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	16262	5.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	23363	5.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	29934	4.902	ug/L	99
3) Chloromethane	1.518	50	29822	4.881	ug/L	100
5) Vinyl chloride	1.602	62	31994	4.919	ug/L	100
6) Bromomethane	1.856	94	16759	4.942	ug/L	96
8) Chloroethane	1.933	64	19212	4.932	ug/L	96
9) Trichlorofluoromethane	2.139	101	48276	4.983	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	28167	5.002	ug/L	98
12) 1,1-Dichloroethene	2.576	96	25992	4.962	ug/L	94
13) Acetone	2.666	43	35632	50.055	ug/L	99
14) Carbon disulfide	2.792	76	84596	4.982	ug/L	100
15) Methyl Acetate	2.959	43	9634	5.260	ug/L	90
16) Methylene chloride	3.042	84	28231	5.021	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	62790	5.041	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	27754	5.031	ug/L	97
19) 1,1-Dichloroethane	3.862	63	51121	5.018	ug/L	100
21) 2-Butanone	4.718	43	55003	49.260	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	29971	5.053	ug/L	98
23) Bromochloromethane	4.968	128	12114	5.084	ug/L	95
25) Chloroform	5.081	83	53015	4.904	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	31251	4.963	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	48568	5.068	ug/L	100
30) Cyclohexane	5.383	56	46533	5.032	ug/L	99
31) Carbon tetrachloride	5.518	117	42889	5.072	ug/L	96
33) Benzene	5.769	78	114612	5.118	ug/L	100
34) Trichloroethene	6.537	95	31283	5.067	ug/L	98
35) Methylcyclohexane	6.756	83	50229	5.036	ug/L	99
37) 1,2-Dichloropropane	6.785	63	28431	5.075	ug/L	99
38) Bromodichloromethane	7.100	83	38105	5.054	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	45056	5.174	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	138593	51.840	ug/L	99
42) Toluene	7.965	91	124956	5.175	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	36356	5.138	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	18867	5.177	ug/L	99
47) Tetrachloroethene	8.547	164	23146	5.102	ug/L	99
48) 2-Hexanone	8.679	43	99835	53.218	ug/L	98
49) Dibromochloromethane	8.804	129	24393	5.169	ug/L	98
50) 1,2-Dibromoethane	8.917	107	18345	5.187	ug/L	100
51) Chlorobenzene	9.441	112	77608	5.124	ug/L	99
52) Ethylbenzene	9.563	91	140327	5.157	ug/L	100
53) m,p-Xylene	9.688	106	50909	5.071	ug/L	97
54) o-Xylene	10.094	106	50648	5.175	ug/L	100
55) Styrene	10.110	104	77722	5.191	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	22768	5.149	ug/L	99
59) Bromoform	10.283	173	13672	5.446	ug/L	99
60) Isopropylbenzene	10.479	105	124339	5.135	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	16075	5.182	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	113854	5.276	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	114976	5.324	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	57751	5.225	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	56155	5.308	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	52569	5.330	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3628	6.213	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	44399	5.472	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	34962	5.882	ug/L	98
71) Naphthalene	14.081	128	52783	6.274	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	28082	6.070	ug/L	98

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

