

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011124\
 Data File : VU057467.D
 Acq On : 11 Jan 2024 19:06
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV028

Quant Time: Jan 11 21:36:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:30:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	314408	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	303675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	138702	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	167354	5.246	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.000%
7) Chloroethane-d5	1.914	69	135187	5.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.000%
11) 1,1-Dichloroethene-d2	2.563	65	71222	5.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.600%
20) 2-Butanone-d5	4.637	46	324079	53.710	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.420%
24) Chloroform-d	5.055	84	285182	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.695	65	138042	5.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.721	84	570765	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.682	67	175986	5.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.891	98	498469	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	8.174	79	62745	5.226	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.631	63	230107	52.936	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.880%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	123205	5.282	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	145249	5.214	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	110420	5.323	ug/L	99
3) Chloromethane	1.518	50	121889	4.575	ug/L	100
5) Vinyl chloride	1.602	62	122332	5.157	ug/L	100
6) Bromomethane	1.856	94	71851	5.202	ug/L	96
8) Chloroethane	1.933	64	76002	5.138	ug/L	97
9) Trichlorofluoromethane	2.136	101	171819	5.298	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	110440	5.323	ug/L	99
12) 1,1-Dichloroethene	2.576	96	98479	5.361	ug/L	97
13) Acetone	2.663	43	165804	45.711	ug/L	100
14) Carbon disulfide	2.788	76	269266	5.246	ug/L	99
15) Methyl Acetate	2.962	43	39489	4.816	ug/L	98
16) Methylene chloride	3.042	84	120234	4.840	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	246425	5.408	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	98198	5.386	ug/L	99
19) 1,1-Dichloroethane	3.862	63	217716	5.292	ug/L	98
21) 2-Butanone	4.721	43	275555	53.704	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	117006	5.512	ug/L	99
23) Bromochloromethane	4.968	128	48511	5.323	ug/L	100
25) Chloroform	5.081	83	227832	5.340	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	131890	5.133	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	192635	5.142	ug/L	97
30) Cyclohexane	5.383	56	157658	5.174	ug/L	98
31) Carbon tetrachloride	5.518	117	158334	5.118	ug/L	97
33) Benzene	5.769	78	456499	5.116	ug/L	100
34) Trichloroethene	6.538	95	119257	5.088	ug/L	98
35) Methylcyclohexane	6.756	83	158353	5.082	ug/L	99
37) 1,2-Dichloropropane	6.782	63	130148	5.143	ug/L	99
38) Bromodichloromethane	7.100	83	155985	5.120	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	169926	5.080	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	668652	53.229	ug/L	99
42) Toluene	7.962	91	481626	5.477	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	142094	5.219	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	83823	5.136	ug/L	98
47) Tetrachloroethene	8.547	164	79432	5.103	ug/L	99
48) 2-Hexanone	8.682	43	503330	54.866	ug/L	98
49) Dibromochloromethane	8.804	129	91298	5.214	ug/L	99
50) 1,2-Dibromoethane	8.917	107	74258	5.522	ug/L #	99
51) Chlorobenzene	9.441	112	294150	5.306	ug/L	99
52) Ethylbenzene	9.566	91	499389	5.521	ug/L	98
53) m,p-Xylene	9.689	106	184417	5.660	ug/L	97
54) o-Xylene	10.094	106	176780	5.655	ug/L	92
55) Styrene	10.110	104	297497	5.779	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	106733	5.395	ug/L	98
59) Bromoform	10.287	173	49375	5.470	ug/L	99
60) Isopropylbenzene	10.479	105	468679	5.810	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	71892	5.539	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	377323	5.932	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	375031	5.890	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	218404	5.561	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	213326	5.472	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	198794	5.465	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	14473	5.814	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	149691	5.687	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	112072	6.288	ug/L	98
71) Naphthalene	14.084	128	157831	6.333	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	93600	6.412	ug/L	98

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

