

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057541.D
 Acq On : 15 Jan 2024 19:50
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

Quant Time: Jan 16 00:39:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	278770	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	259982	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	133366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	127171	4.496	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.914	69	109881	4.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.564	65	57985	4.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.641	46	297026	55.520	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.040%
24) Chloroform-d	5.055	84	261630	5.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	5.695	65	128371	5.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.721	84	486534	5.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.682	67	153311	5.186	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.891	98	424720	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	8.174	79	54477	5.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.000%
46) 2-Hexanone-d5	8.631	63	210121	56.462	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.920%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	90221	4.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	131949	4.927	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	104027	5.656	ug/L	99
3) Chloromethane	1.519	50	109434	4.633	ug/L	97
5) Vinyl chloride	1.602	62	113066	5.376	ug/L	98
6) Bromomethane	1.856	94	36768	3.002	ug/L	99
8) Chloroethane	1.933	64	73131	5.576	ug/L	99
9) Trichlorofluoromethane	2.136	101	161639	5.621	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	103866	5.646	ug/L	99
12) 1,1-Dichloroethene	2.576	96	91419	5.613	ug/L	93
13) Acetone	2.666	43	159111	49.473	ug/L	94
14) Carbon disulfide	2.789	76	270212	5.938	ug/L	100
15) Methyl Acetate	2.959	43	36598	5.034	ug/L	98
16) Methylene chloride	3.043	84	107236	4.869	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	211474	5.234	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	89764	5.553	ug/L	98
19) 1,1-Dichloroethane	3.863	63	206002	5.647	ug/L	99
21) 2-Butanone	4.721	43	256127	56.299	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	105525	5.607	ug/L	99
23) Bromochloromethane	4.969	128	44360	5.490	ug/L	98
25) Chloroform	5.081	83	214288	5.665	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	129725	5.694	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	178096	5.553	ug/L	99
30) Cyclohexane	5.383	56	137751	5.281	ug/L	100
31) Carbon tetrachloride	5.518	117	148588	5.610	ug/L	99
33) Benzene	5.766	78	431528	5.649	ug/L	100
34) Trichloroethene	6.538	95	109539	5.459	ug/L	98
35) Methylcyclohexane	6.756	83	137932	5.170	ug/L	97
37) 1,2-Dichloropropane	6.782	63	121282	5.599	ug/L #	98
38) Bromodichloromethane	7.100	83	149292	5.724	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	151013	5.273	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	618121	57.476	ug/L	99
42) Toluene	7.962	91	445709	5.920	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	127009	5.449	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	80452	5.758	ug/L	95
47) Tetrachloroethene	8.547	164	73255	5.497	ug/L	98
48) 2-Hexanone	8.682	43	462774	58.923	ug/L	99
49) Dibromochloromethane	8.801	129	87252	5.820	ug/L	97
50) 1,2-Dibromoethane	8.917	107	70034	6.083	ug/L	97
51) Chlorobenzene	9.441	112	234002	4.930	ug/L	98
52) Ethylbenzene	9.563	91	380322	4.912	ug/L	100
53) m,p-Xylene	9.689	106	145812	5.227	ug/L	96
54) o-Xylene	10.094	106	123069	4.598	ug/L	97
55) Styrene	10.110	104	207526	4.709	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	76538	4.519	ug/L	98
59) Bromoform	10.283	173	38273	4.409	ug/L	98
60) Isopropylbenzene	10.476	105	339184	4.373	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	54805	4.392	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	276720	4.525	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	325358	5.314	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	201770	5.343	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	194024	5.176	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	187181	5.352	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	13358	5.581	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	132510	5.235	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	98215	5.731	ug/L	97
71) Naphthalene	14.081	128	124595	5.199	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	81139	5.781	ug/L	97

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

