

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081123\
 Data File : VV031791.D
 Acq On : 11 Aug 2023 09:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005374

Quant Time: Aug 12 05:15:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 18 06:24:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	184072	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	203555	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	114172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64606	3.963	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.532	69	66396	4.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.060	65	40458	4.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.825	46	193766	46.527	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.060%
24) Chloroform-d	4.252	84	178955	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	4.947	65	85752	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	4.963	84	298787	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	5.992	67	106548	4.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.246	98	296619	5.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
43) trans-1,3-Dichloroprop...	7.558	79	34234	5.033	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.034	63	146172	46.268	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.540%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	78420	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	104889	5.275	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	100305	5.017	ug/L	99
3) Chloromethane	1.217	50	93183	4.499	ug/L	99
5) Vinyl chloride	1.282	62	95811	4.841	ug/L	93
6) Bromomethane	1.491	94	61071	5.048	ug/L	99
8) Chloroethane	1.552	64	59014	5.139	ug/L	96
9) Trichlorofluoromethane	1.716	101	151811	5.316	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	90325	5.751	ug/L	98
12) 1,1-Dichloroethene	2.069	96	76569	5.332	ug/L	94
13) Acetone	2.153	43	134403	50.726	ug/L	99
14) Carbon disulfide	2.240	76	207966	4.665	ug/L	100
15) Methyl Acetate	2.391	43	23963	4.228	ug/L	98
16) Methylene chloride	2.449	84	76914	4.030	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	135331	5.128	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	62184	5.008	ug/L	99
19) 1,1-Dichloroethane	3.114	63	141743	5.220	ug/L	96
21) 2-Butanone	3.905	43	162429	47.098	ug/L	91
22) cis-1,2-Dichloroethene	3.822	96	60839	4.956	ug/L	92
23) Bromochloromethane	4.156	128	35398	5.726	ug/L	88
25) Chloroform	4.278	83	151519	5.674	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	87106	5.186	ug/L #	94
29) 1,1,1-Trichloroethane	4.516	97	127322	5.179	ug/L	98
30) Cyclohexane	4.587	56	82115	4.593	ug/L	97
31) Carbon tetrachloride	4.738	117	116890	5.389	ug/L	97
33) Benzene	5.015	78	268297	5.189	ug/L	100
34) Trichloroethene	5.838	95	75318	5.134	ug/L	94
35) Methylcyclohexane	6.053	83	83877	4.607	ug/L	96
37) 1,2-Dichloropropane	6.098	63	75190	5.066	ug/L #	98
38) Bromodichloromethane	6.436	83	101466	5.149	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	90270	4.886	ug/L	97
40) 4-Methyl-2-pentanone	7.166	43	405134	51.067	ug/L	99
42) Toluene	7.320	91	286441	5.736	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	81869	5.080	ug/L	96
45) 1,1,2-Trichloroethane	7.773	97	57781	5.240	ug/L	93
47) Tetrachloroethene	7.908	164	56152	5.544	ug/L	98
48) 2-Hexanone	8.082	43	324144	55.760	ug/L	96
49) Dibromochloromethane	8.182	129	68342	5.770	ug/L	98
50) 1,2-Dibromoethane	8.288	107	53918	5.229	ug/L	96
51) Chlorobenzene	8.818	112	173766	5.276	ug/L	93
52) Ethylbenzene	8.950	91	255718	5.165	ug/L	99
53) m,p-Xylene	9.079	106	96840	5.292	ug/L	98
54) o-Xylene	9.484	106	88658	5.223	ug/L	95
55) Styrene	9.500	104	168682	5.267	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.182	83	55343	4.742	ug/L	95
59) Bromoform	9.670	173	37523	4.923	ug/L #	96
60) Isopropylbenzene	9.873	105	248736	4.918	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	48662	4.795	ug/L	96
62) 1,3,5-Trimethylbenzene	10.481	105	191368	4.690	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	188857	4.637	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	143467	5.264	ug/L	96
65) 1,4-Dichlorobenzene	11.214	146	150931	5.232	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	139345	5.334	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.371	75	9135	4.381	ug/L	95
69) 1,3,5-Trichlorobenzene	12.587	180	102314	5.132	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	78185	4.950	ug/L	98
71) Naphthalene	13.445	128	104046	4.083	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	70606	4.841	ug/L	95

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

