

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082322\
 Data File : VW027480.D
 Acq On : 23 Aug 2022 09:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005380

Quant Time: Aug 24 02:03:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	130076	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	130466	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	70544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36098	3.899	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.000%	
7) Chloroethane-d5	1.564	69	38538	5.688	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.800%	
11) 1,1-Dichloroethene-d2	2.105	63	102748	4.760	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.200%	
20) 2-Butanone-d5	3.892	46	50263	43.627	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.260%	
24) Chloroform-d	4.342	84	82292	4.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.031	65	35189	4.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
32) Benzene-d6	5.043	84	148500	4.109	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
36) 1,2-Dichloropropane-d6	6.066	67	41938	3.992	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.800%	
41) Toluene-d8	7.313	98	143083	4.385	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	7.619	79	15651	4.351	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.088	63	48882	41.280	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.560%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30077	4.495	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	42879	4.100	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	70264	5.091	ug/L	98
3) Chloromethane	1.240	50	59606	4.945	ug/L	97
5) Vinyl chloride	1.310	62	59721	4.922	ug/L	99
6) Bromomethane	1.519	94	38626	6.438	ug/L	99
8) Chloroethane	1.584	64	47749	6.734	ug/L	98
9) Trichlorofluoromethane	1.751	101	106879	5.545	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	60584	5.568	ug/L	95
12) 1,1-Dichloroethene	2.114	96	52996	5.385	ug/L	96
13) Acetone	2.179	43	67818	61.639	ug/L	97
14) Carbon disulfide	2.291	76	129970	4.812	ug/L	100
15) Methyl Acetate	2.433	43	12475	4.094	ug/L #	86
16) Methylene chloride	2.503	84	55944	3.770	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	98041	4.815	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	53165	5.243	ug/L	98
19) 1,1-Dichloroethane	3.182	63	103884	4.949	ug/L	99
21) 2-Butanone	3.973	43	71924	49.120	ug/L	93
22) cis-1,2-Dichloroethene	3.905	96	52850	4.891	ug/L	99
23) Bromochloromethane	4.243	128	23982	5.033	ug/L	89
25) Chloroform	4.368	83	114451	5.014	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	60080	5.181	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	100353	5.011	ug/L	100
30) Cyclohexane	4.670	56	70808	4.606	ug/L	98
31) Carbon tetrachloride	4.822	117	88345	5.073	ug/L	100
33) Benzene	5.095	78	219795	5.067	ug/L	100
34) Trichloroethene	5.908	95	56772	4.973	ug/L	99
35) Methylcyclohexane	6.127	83	76914	4.791	ug/L	96
37) 1,2-Dichloropropane	6.169	63	55357	4.787	ug/L	100
38) Bromodichloromethane	6.506	83	75909	5.177	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	67586	4.847	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	255311	49.411	ug/L	97
42) Toluene	7.384	91	241699	5.398	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	58716	4.981	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	38389	5.193	ug/L	95
47) Tetrachloroethene	7.973	164	43759	4.921	ug/L	97
48) 2-Hexanone	8.137	43	183639	49.322	ug/L	97
49) Dibromochloromethane	8.243	129	48046	5.284	ug/L	98
50) 1,2-Dibromoethane	8.349	107	33280	5.157	ug/L #	94
51) Chlorobenzene	8.879	112	145952	5.037	ug/L	97
52) Ethylbenzene	9.008	91	230352	5.040	ug/L	100
53) m,p-Xylene	9.137	106	92216	5.273	ug/L	96
54) o-Xylene	9.542	106	86429	5.095	ug/L	97
55) Styrene	9.558	104	156331	5.417	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	43220	5.190	ug/L	98
59) Bromoform	9.728	173	25254	5.342	ug/L	99
60) Isopropylbenzene	9.927	105	235049	5.064	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	30270	4.891	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	62176	4.831	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	174480	4.812	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	118420	5.178	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	115511	5.067	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	105455	5.086	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6316	4.594	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	83753	4.906	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	61608	4.966	ug/L	100
71) Naphthalene	13.500	128	75710	4.421	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	55232	5.013	ug/L	100

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

