

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023391.D
 Acq On : 11 Nov 2021 16:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

Quant Time: Nov 12 00:31:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120966	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118715	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63162	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34179	4.510	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.568	69	27153	4.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.108	63	68074	4.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	3.905	46	59931	45.904	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.800%
24) Chloroform-d	4.352	84	71933	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.037	65	35267	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.053	84	142595	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.072	67	40797	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.316	98	135858	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.625	79	16006	4.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.091	63	65129	52.064	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31189	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	50509	4.803	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	57851	4.905	ug/L	99
3) Chloromethane	1.240	50	50817	5.067	ug/L	97
5) Vinyl chloride	1.307	62	52446	5.236	ug/L	99
6) Bromomethane	1.519	94	29977	4.682	ug/L	100
8) Chloroethane	1.584	64	30273	5.238	ug/L	99
9) Trichlorofluoromethane	1.751	101	79556	5.286	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38508	5.083	ug/L	97
12) 1,1-Dichloroethene	2.117	96	36897	5.115	ug/L	89
13) Acetone	2.191	43	38590	48.374	ug/L	94
14) Carbon disulfide	2.294	76	135239	4.968	ug/L	100
15) Methyl Acetate	2.442	43	11653	5.161	ug/L	98
16) Methylene chloride	2.506	84	46683	4.435	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	93688	5.900	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	45698	5.153	ug/L	98
19) 1,1-Dichloroethane	3.191	63	79121	5.285	ug/L	98
21) 2-Butanone	3.992	43	70403	54.587	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	46400	5.437	ug/L #	88
23) Bromochloromethane	4.252	128	21093	5.360	ug/L	87
25) Chloroform	4.378	83	85844	5.379	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.136	62	46545	5.483	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	75479	5.235	ug/L	98
30) Cyclohexane	4.680	56	66128	5.118	ug/L	93
31) Carbon tetrachloride	4.831	117	69943	5.401	ug/L	96
33) Benzene	5.101	78	180491	5.440	ug/L	100
34) Trichloroethene	5.915	95	46534	5.274	ug/L	96
35) Methylcyclohexane	6.133	83	71624	5.143	ug/L	97
37) 1,2-Dichloropropane	6.175	63	43140	5.569	ug/L	100
38) Bromodichloromethane	6.513	83	57548	5.544	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	58378	5.240	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	235073	65.432	ug/L	99
42) Toluene	7.390	91	196872	5.547	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	51305	5.550	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	31256	5.616	ug/L	96
47) Tetrachloroethene	7.979	164	39684	5.189	ug/L	97
48) 2-Hexanone	8.143	43	168021	66.743	ug/L	99
49) Dibromochloromethane	8.249	129	40444	5.735	ug/L	99
50) 1,2-Dibromoethane	8.355	107	29342	5.689	ug/L	98
51) Chlorobenzene	8.882	112	125314	5.312	ug/L	100
52) Ethylbenzene	9.014	91	198550	5.304	ug/L	98
53) m,p-xylene	9.140	106	78791	5.364	ug/L	98
54) o-xylene	9.545	106	75918	5.509	ug/L	99
55) Styrene	9.561	104	133332	5.648	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	34401	5.641	ug/L	100
59) Bromoform	9.731	173	22321	5.917	ug/L	99
60) Isopropylbenzene	9.934	105	202356	5.583	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	25220	6.011	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	167342	5.568	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	166384	5.562	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	99109	5.352	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	100072	5.291	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	92833	5.602	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5017	5.612	ug/L	91
69) 1,3,5-Trichlorobenzene	12.647	180	74318	5.125	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	59376	5.113	ug/L	98
71) Naphthalene	13.503	128	94345	5.510	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54857	5.400	ug/L	99

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

