

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110221\
 Data File : VW023183.D
 Acq On : 03 Nov 2021 13:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005335

Quant Time: Nov 07 01:56:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 23:31:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	122724	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121400	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70516	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41938	3.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.568	69	34423	5.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.108	63	76033	4.915	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	3.905	46	86268	50.148	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.300%
24) Chloroform-d	4.349	84	92972	5.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	5.034	65	41817	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.050	84	178888	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.069	67	51513	4.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.317	98	169112	5.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	7.625	79	19558	5.116	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.091	63	77230	54.566	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37868	5.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	63962	5.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	35021	4.498	ug/L	98
3) Chloromethane	1.240	50	34435	4.092	ug/L	99
5) Vinyl chloride	1.310	62	37750	4.343	ug/L	98
6) Bromomethane	1.519	94	24110	5.490	ug/L	99
8) Chloroethane	1.584	64	23794	5.235	ug/L	98
9) Trichlorofluoromethane	1.754	101	63092	5.379	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	36223	5.416	ug/L	99
12) 1,1-Dichloroethene	2.117	96	32730	5.209	ug/L	98
13) Acetone	2.201	43	56930	67.453	ug/L	69
14) Carbon disulfide	2.294	76	93290	5.452	ug/L	100
15) Methyl Acetate	2.442	43	11602	3.614	ug/L	98
16) Methylene chloride	2.507	84	48753	7.065	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	79375	5.291	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	39742	5.924	ug/L	97
19) 1,1-Dichloroethane	3.188	63	74387	6.036	ug/L	97
21) 2-Butanone	3.992	43	66787	40.421	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	42102	5.536	ug/L	# 91
23) Bromochloromethane	4.249	128	18955	5.490	ug/L	# 84
25) Chloroform	4.375	83	78936	4.847	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	41405	4.821	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	69555	5.070	ug/L	98
30) Cyclohexane	4.677	56	53003	4.425	ug/L	96
31) Carbon tetrachloride	4.825	117	62105	5.261	ug/L	97
33) Benzene	5.098	78	158255	4.844	ug/L	100
34) Trichloroethene	5.915	95	42031	5.121	ug/L	97
35) Methylcyclohexane	6.130	83	58088	4.943	ug/L	96
37) 1,2-Dichloropropane	6.172	63	39245	4.766	ug/L	99
38) Bromodichloromethane	6.510	83	52227	5.142	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	54452	5.311	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	199280	51.407	ug/L	99
42) Toluene	7.387	91	177651	5.366	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	46416	5.472	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	28451	4.939	ug/L	97
47) Tetrachloroethene	7.976	164	35226	5.080	ug/L	99
48) 2-Hexanone	8.140	43	149205	51.850	ug/L	99
49) Dibromochloromethane	8.246	129	36135	5.272	ug/L	99
50) 1,2-Dibromoethane	8.355	107	26247	5.061	ug/L	99
51) Chlorobenzene	8.882	112	113077	5.199	ug/L	99
52) Ethylbenzene	9.011	91	180534	5.494	ug/L	96
53) m,p-xylene	9.140	106	71319	5.412	ug/L	99
54) o-xylene	9.545	106	66792	5.384	ug/L	95
55) Styrene	9.561	104	121641	5.678	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	31817	4.941	ug/L	98
59) Bromoform	9.735	173	19457	4.735	ug/L #	98
60) Isopropylbenzene	9.931	105	187649	5.262	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23105	4.655	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	149765	5.228	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	151483	5.298	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	97252	5.182	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	98040	5.143	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	87506	5.009	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4735	4.835	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	73354	5.132	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	58073	5.430	ug/L	98
71) Naphthalene	13.503	128	82327	5.063	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	51921	5.230	ug/L	98

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

