

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020223\
 Data File : VW030028.D
 Acq On : 02 Feb 2023 17:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005282

Quant Time: Feb 03 01:15:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 03 01:11:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	234593	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	222767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	125036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81278	4.568	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.564	69	78095	5.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.108	63	153031	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.886	46	173263	54.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.880%
24) Chloroform-d	4.342	84	155072	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.027	65	65961	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.043	84	316283	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.063	67	99575	5.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.307	98	289561	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.616	79	33702	4.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.085	63	159602	55.505	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.020%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	73047	5.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	104702	4.606	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	87930	4.027	ug/L	99
3) Chloromethane	1.240	50	118146	5.142	ug/L	99
5) Vinyl chloride	1.307	62	115198	5.113	ug/L	99
6) Bromomethane	1.519	94	35478	3.234	ug/L	97
8) Chloroethane	1.580	64	75144	5.496	ug/L	100
9) Trichlorofluoromethane	1.751	101	132386	4.486	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	81062	4.662	ug/L	93
12) 1,1-Dichloroethene	2.117	96	79880	3.988	ug/L	92
13) Acetone	2.175	43	129619	57.583	ug/L	97
14) Carbon disulfide	2.291	76	234129	4.060	ug/L	99
15) Methyl Acetate	2.433	43	27986	4.774	ug/L	93
16) Methylene chloride	2.503	84	131453	5.283	ug/L	90
17) Methyl tert-butyl Ether	2.767	73	166886	4.818	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	83536	4.486	ug/L	93
19) 1,1-Dichloroethane	3.185	63	162605	5.220	ug/L	98
21) 2-Butanone	3.969	43	174628	54.152	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	92128	4.643	ug/L	91
23) Bromochloromethane	4.243	128	38541	4.704	ug/L #	82
25) Chloroform	4.371	83	156155	4.612	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	81811	4.973	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	132088	4.566	ug/L	98
30) Cyclohexane	4.670	56	129320	4.722	ug/L	97
31) Carbon tetrachloride	4.822	117	108989	4.330	ug/L	99
33) Benzene	5.095	78	363044	4.929	ug/L	100
34) Trichloroethene	5.908	95	87306	4.677	ug/L	97
35) Methylcyclohexane	6.124	83	138383	4.391	ug/L	96
37) 1,2-Dichloropropane	6.166	63	94743	5.493	ug/L	97
38) Bromodichloromethane	6.503	83	108408	4.860	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	121599	5.257	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	434437	59.021	ug/L	95
42) Toluene	7.381	91	383018	4.822	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	99530	5.340	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	60541	4.872	ug/L	97
47) Tetrachloroethene	7.966	164	71263	4.535	ug/L	98
48) 2-Hexanone	8.133	43	315912	60.046	ug/L	96
49) Dibromochloromethane	8.236	129	68794	4.717	ug/L	99
50) 1,2-Dibromoethane	8.342	107	54459	5.048	ug/L	100
51) Chlorobenzene	8.873	112	240407	4.766	ug/L	100
52) Ethylbenzene	9.005	91	388067	4.668	ug/L	100
53) m,p-Xylene	9.130	106	153986	4.679	ug/L	98
54) o-Xylene	9.535	106	144196	4.617	ug/L	100
55) Styrene	9.551	104	256881	4.782	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	73645	5.335	ug/L	99
59) Bromoform	9.722	173	36647	4.525	ug/L	99
60) Isopropylbenzene	9.921	105	382153	4.781	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	48243	5.211	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	312590	4.564	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	319153	4.673	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	193637	4.771	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	193925	4.793	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	177167	4.856	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	10837	4.950	ug/L	91
69) 1,3,5-Trichlorobenzene	12.631	180	156022	4.776	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	124570	4.880	ug/L	99
71) Naphthalene	13.487	128	173342	5.241	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	107506	5.074	ug/L	99

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

