

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028901.D
 Acq On : 12 Nov 2022 01:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

Quant Time: Nov 12 03:00:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:27:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	312678	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	286649	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	145902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90612	4.753	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.564	69	80399	4.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.108	63	167774	4.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	3.883	46	198878	62.325	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.660%
24) Chloroform-d	4.342	84	202279	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.031	65	90793	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.047	84	413904	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.066	67	119964	5.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.310	98	378937	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.619	79	37680	4.835	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.085	63	185392	55.738	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.480%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	88449	5.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	133038	5.097	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	118890	4.561	ug/L	97
3) Chloromethane	1.240	50	112172	5.185	ug/L	98
5) Vinyl chloride	1.310	62	119706	4.851	ug/L	98
6) Bromomethane	1.519	94	69090	4.685	ug/L	98
8) Chloroethane	1.584	64	70232	4.844	ug/L	99
9) Trichlorofluoromethane	1.751	101	164938	4.957	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	92358	4.903	ug/L	99
12) 1,1-Dichloroethene	2.117	96	95335	5.037	ug/L	95
13) Acetone	2.172	43	111769	54.451	ug/L	83
14) Carbon disulfide	2.291	76	322078	4.792	ug/L	99
15) Methyl Acetate	2.436	43	26826	5.385	ug/L	95
16) Methylene chloride	2.503	84	108627	4.438	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	216788	5.342	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	110752	5.045	ug/L	96
19) 1,1-Dichloroethane	3.185	63	184023	5.128	ug/L	98
21) 2-Butanone	3.966	43	187794	59.093	ug/L	85
22) cis-1,2-Dichloroethene	3.905	96	115627	5.181	ug/L	100
23) Bromochloromethane	4.246	128	49122	5.204	ug/L	96
25) Chloroform	4.368	83	193652	5.147	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	103969	5.365	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	164200	4.882	ug/L	98
30) Cyclohexane	4.674	56	160503	4.695	ug/L	100
31) Carbon tetrachloride	4.822	117	140779	4.860	ug/L	99
33) Benzene	5.095	78	443483	5.063	ug/L	100
34) Trichloroethene	5.908	95	111655	4.979	ug/L	98
35) Methylcyclohexane	6.127	83	179567	4.556	ug/L	99
37) 1,2-Dichloropropane	6.169	63	100019	4.951	ug/L	100
38) Bromodichloromethane	6.506	83	124758	4.877	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	140186	4.971	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	475706	54.737	ug/L	98
42) Toluene	7.384	91	490953	5.188	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	109051	4.981	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	70664	5.344	ug/L	98
47) Tetrachloroethene	7.969	164	90023	5.013	ug/L	97
48) 2-Hexanone	8.133	43	327746	53.837	ug/L	98
49) Dibromochloromethane	8.239	129	80609	5.042	ug/L	96
50) 1,2-Dibromoethane	8.349	107	64388	5.241	ug/L	97
51) Chlorobenzene	8.876	112	305196	5.216	ug/L	100
52) Ethylbenzene	9.008	91	503742	5.113	ug/L	99
53) m,p-Xylene	9.133	106	199372	5.088	ug/L	97
54) o-Xylene	9.538	106	197387	5.299	ug/L	99
55) Styrene	9.554	104	335655	5.373	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	84155	5.460	ug/L	99
59) Bromoform	9.725	173	42827	5.384	ug/L	99
60) Isopropylbenzene	9.924	105	515638	5.445	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	57545	5.771	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	428473	5.341	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	419745	5.223	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	233538	5.248	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	230982	5.164	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	207698	5.195	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	10414	5.308	ug/L	91
69) 1,3,5-Trichlorobenzene	12.635	180	172387	5.022	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	132775	5.113	ug/L	98
71) Naphthalene	13.493	128	173827	5.188	ug/L	100
72) 1,2,3-Trichlorobenzene	13.734	180	113057	5.141	ug/L	98

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

