

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101422\
 Data File : VW028573.D
 Acq On : 15 Oct 2022 01:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

Quant Time: Oct 15 03:03:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:57:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	217078	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	206963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	101696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	89277	4.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.568	69	80340	5.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.108	63	167353	4.946	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	3.896	46	224232	55.831	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.660%
24) Chloroform-d	4.346	84	143680	5.023	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.031	65	76527	5.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.047	84	294495	4.407	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.066	67	97450	4.519	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.310	98	256533	4.845	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.619	79	31646	4.344	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.085	63	170506	54.225	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.440%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67730	5.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	85097	5.071	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	61647	5.028	ug/L	97
3) Chloromethane	1.240	50	93917	4.576	ug/L	97
5) Vinyl chloride	1.311	62	97130	4.859	ug/L	98
6) Bromomethane	1.523	94	42247	4.694	ug/L	95
8) Chloroethane	1.584	64	74105	5.716	ug/L	96
9) Trichlorofluoromethane	1.751	101	130289	5.333	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	76002	5.277	ug/L	98
12) 1,1-Dichloroethene	2.118	96	70407	5.216	ug/L	96
13) Acetone	2.188	43	139178	49.349	ug/L	87
14) Carbon disulfide	2.291	76	163573	4.328	ug/L	98
15) Methyl Acetate	2.439	43	30269	4.536	ug/L #	87
16) Methylene chloride	2.503	84	78868	4.142	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	173155	5.051	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	68713	4.881	ug/L	97
19) 1,1-Dichloroethane	3.185	63	151668	4.788	ug/L	99
21) 2-Butanone	3.979	43	196651	48.682	ug/L	100
22) cis-1,2-Dichloroethene	3.909	96	79025	4.966	ug/L #	94
23) Bromochloromethane	4.246	128	30507	4.999	ug/L	90
25) Chloroform	4.372	83	149742	4.988	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	85143	4.764	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	115398	4.034	ug/L	98
30) Cyclohexane	4.674	56	126874	3.841	ug/L	95
31) Carbon tetrachloride	4.822	117	91385	4.063	ug/L	99
33) Benzene	5.095	78	314924	4.306	ug/L	100
34) Trichloroethene	5.912	95	75403	4.317	ug/L	97
35) Methylcyclohexane	6.127	83	121631	4.183	ug/L	97
37) 1,2-Dichloropropane	6.169	63	85432	4.590	ug/L	99
38) Bromodichloromethane	6.506	83	94168	4.437	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	108549	4.378	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	516505	50.963	ug/L	100
42) Toluene	7.384	91	319471	4.656	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	85119	4.477	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	51622	4.990	ug/L	99
47) Tetrachloroethene	7.973	164	52600	4.627	ug/L	96
48) 2-Hexanone	8.137	43	364517	51.998	ug/L	98
49) Dibromochloromethane	8.239	129	52621	4.769	ug/L	99
50) 1,2-Dibromoethane	8.349	107	46404	5.094	ug/L	98
51) Chlorobenzene	8.876	112	199329	4.686	ug/L	99
52) Ethylbenzene	9.005	91	356010	4.671	ug/L	100
53) m,p-Xylene	9.133	106	128700	4.514	ug/L	99
54) o-Xylene	9.535	106	129015	4.669	ug/L	96
55) Styrene	9.555	104	222300	4.756	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	63136	4.966	ug/L	99
59) Bromoform	9.725	173	23782	4.644	ug/L	98
60) Isopropylbenzene	9.924	105	349817	4.712	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	45353	4.991	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	99649	4.462	ug/L	97
63) 1,2,4-Trimethylbenzene	10.905	105	281759	4.614	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	147419	4.708	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	144456	4.706	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	132113	4.703	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	7525	3.989	ug/L	86
69) 1,3,5-Trichlorobenzene	12.635	180	101404	4.427	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	77445	4.439	ug/L	99
71) Naphthalene	13.493	128	107653	4.118	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	66889	4.652	ug/L	98

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

