

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102622\
 Data File : VW028688.D
 Acq On : 26 Oct 2022 11:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005334

Quant Time: Oct 27 06:21:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.596	114	192749	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.841	117	170142	5.000	ug/L	-0.01
58) 1,4-Dichlorobenzene-d4	11.239	152	72099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	82542	6.157	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.200%
7) Chloroethane-d5	1.555	69	61506	5.426	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.095	63	125911	4.856	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	3.944	46	120883	39.547	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.100%
24) Chloroform-d	4.323	84	89473	3.844	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	5.018	65	50089	4.241	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.024	84	229839	5.051	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.056	67	74045	5.141	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.297	98	187865	5.291	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	7.612	79	20340	4.545	ug/L	-0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.101	63	80695	38.740	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.480%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	39091	4.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	46134	4.639	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	39482	4.857	ug/L	98
3) Chloromethane	1.230	50	82701	5.450	ug/L	99
5) Vinyl chloride	1.298	62	80502	5.339	ug/L	99
6) Bromomethane	1.510	94	38291	5.316	ug/L	99
8) Chloroethane	1.574	64	52926	5.162	ug/L	95
9) Trichlorofluoromethane	1.738	101	87700	4.365	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	73304	6.140	ug/L #	77
12) 1,1-Dichloroethene	2.101	96	46929	4.430	ug/L	93
13) Acetone	2.240	43	82502	45.473	ug/L	76
14) Carbon disulfide	2.275	76	117596	4.808	ug/L	99
15) Methyl Acetate	2.445	43	26754	4.860	ug/L	93
16) Methylene chloride	2.490	84	80160	5.487	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	160785	5.786	ug/L	98
18) trans-1,2-Dichloroethene	2.738	96	49348	4.629	ug/L	94
19) 1,1-Dichloroethane	3.169	63	121637	4.727	ug/L	99
21) 2-Butanone	4.034	43	174754	56.043	ug/L	100
22) cis-1,2-Dichloroethene	3.886	96	58747	4.596	ug/L #	91
23) Bromochloromethane	4.223	128	21920	4.588	ug/L	86
25) Chloroform	4.352	83	121686	4.861	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	73173	4.947	ug/L	100
29) 1,1,1-Trichloroethane	4.580	97	93882	4.588	ug/L	100
30) Cyclohexane	4.638	56	113877	5.370	ug/L #	82
31) Carbon tetrachloride	4.796	117	75262	4.579	ug/L	99
33) Benzene	5.072	78	279789	5.502	ug/L	100
34) Trichloroethene	5.889	95	64899	5.151	ug/L	98
35) Methylcyclohexane	6.101	83	102490	5.890	ug/L	98
37) 1,2-Dichloropropane	6.159	63	75112	5.781	ug/L	98
38) Bromodichloromethane	6.497	83	78625	5.061	ug/L	99
39) cis-1,3-Dichloropropene	7.014	75	91798	5.829	ug/L	97
40) 4-Methyl-2-pentanone	7.243	43	478168	62.160	ug/L	96
42) Toluene	7.371	91	270408	5.608	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	69830	5.501	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	41902	5.247	ug/L	97
47) Tetrachloroethene	7.956	164	37471	4.846	ug/L	98
48) 2-Hexanone	8.153	43	364644	66.994	ug/L #	89
49) Dibromochloromethane	8.236	129	39553	4.728	ug/L	93
50) 1,2-Dibromoethane	8.342	107	34785	5.004	ug/L	98
51) Chlorobenzene	8.870	112	160930	5.301	ug/L	94
52) Ethylbenzene	8.998	91	322984	6.028	ug/L	96
53) m,p-Xylene	9.127	106	111306	5.753	ug/L	95
54) o-Xylene	9.532	106	108495	5.574	ug/L	95
55) Styrene	9.551	104	187926	5.726	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	51324	5.125	ug/L	99
59) Bromoform	9.722	173	16397	4.632	ug/L	98
60) Isopropylbenzene	9.921	105	285019	6.282	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	37134	5.999	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	78402	5.924	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	208706	5.694	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	107313	5.491	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	105390	5.405	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	96245	5.386	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	5296	4.155	ug/L	97
69) 1,3,5-Trichlorobenzene	12.635	180	78718	5.304	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	61285	5.424	ug/L	99
71) Naphthalene	13.493	128	103640	5.353	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	53851	5.378	ug/L	98

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

