

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028926.D
 Acq On : 14 Nov 2022 10:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005344

Quant Time: Nov 14 23:59:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 03:43:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	279183	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	255068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	131162	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68956	4.051	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.565	69	67397	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.105	63	139559	4.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	3.886	46	134452	47.190	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.380%
24) Chloroform-d	4.336	84	170111	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.021	65	73695	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.040	84	346017	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.060	67	96185	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.307	98	316342	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.616	79	33539	4.837	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.082	63	147886	49.967	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.940%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	68862	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	110345	4.702	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	124179	5.336	ug/L	98
3) Chloromethane	1.240	50	93660	4.849	ug/L	98
5) Vinyl chloride	1.307	62	108290	4.915	ug/L	97
6) Bromomethane	1.520	94	64930	4.931	ug/L	99
8) Chloroethane	1.581	64	76852	5.936	ug/L	92
9) Trichlorofluoromethane	1.751	101	159154	5.358	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	88561	5.265	ug/L	98
12) 1,1-Dichloroethene	2.114	96	88458	5.234	ug/L	95
13) Acetone	2.182	43	82379	44.948	ug/L	89
14) Carbon disulfide	2.291	76	318516	5.307	ug/L	100
15) Methyl Acetate	2.433	43	27108	6.095	ug/L	92
16) Methylene chloride	2.500	84	106497	4.873	ug/L	95
17) Methyl tert-butyl Ether	2.761	73	194277	5.362	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	105461	5.380	ug/L	95
19) 1,1-Dichloroethane	3.182	63	168243	5.250	ug/L	100
21) 2-Butanone	3.970	43	129312	45.572	ug/L	82
22) cis-1,2-Dichloroethene	3.899	96	109870	5.513	ug/L	93
23) Bromochloromethane	4.237	128	44408	5.269	ug/L	95
25) Chloroform	4.365	83	178283	5.307	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	91857	5.309	ug/L	100
29) 1,1,1-Trichloroethane	4.597	97	160942	5.377	ug/L	97
30) Cyclohexane	4.664	56	156035	5.129	ug/L	99
31) Carbon tetrachloride	4.818	117	142864	5.543	ug/L	99
33) Benzene	5.089	78	406370	5.214	ug/L	100
34) Trichloroethene	5.905	95	104535	5.239	ug/L	97
35) Methylcyclohexane	6.124	83	181247	5.168	ug/L	98
37) 1,2-Dichloropropane	6.166	63	92178	5.128	ug/L	100
38) Bromodichloromethane	6.503	83	123929	5.444	ug/L	96
39) cis-1,3-Dichloropropene	7.021	75	132915	5.297	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	397889	51.451	ug/L	97
42) Toluene	7.378	91	450193	5.346	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	105620	5.422	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	64995	5.524	ug/L	96
47) Tetrachloroethene	7.966	164	88430	5.534	ug/L	98
48) 2-Hexanone	8.133	43	276625	51.065	ug/L	97
49) Dibromochloromethane	8.236	129	81353	5.719	ug/L	100
50) 1,2-Dibromoethane	8.346	107	59614	5.454	ug/L	96
51) Chlorobenzene	8.873	112	284858	5.471	ug/L	100
52) Ethylbenzene	9.005	91	473878	5.406	ug/L	98
53) m,p-Xylene	9.130	106	181916	5.218	ug/L	100
54) o-Xylene	9.535	106	173386	5.231	ug/L	98
55) Styrene	9.551	104	300925	5.413	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	71769	5.233	ug/L	95
59) Bromoform	9.722	173	40784	5.704	ug/L	98
60) Isopropylbenzene	9.921	105	472570	5.551	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	48174	5.375	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	399311	5.537	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	404653	5.601	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	220583	5.514	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	220646	5.487	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	199070	5.539	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	9669	5.483	ug/L	87
69) 1,3,5-Trichlorobenzene	12.635	180	171743	5.565	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	133881	5.735	ug/L	99
71) Naphthalene	13.493	128	163181	5.418	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	111850	5.657	ug/L	100

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

