

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100623\
 Data File : VW032291.D
 Acq On : 06 Oct 2023 10:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005391

Quant Time: Oct 07 04:57:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 05:25:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	93723	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	97734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51115	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29255	3.838	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.532	69	28056	4.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.056	65	12508	3.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.802	46	90697	47.037	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.080%
24) Chloroform-d	4.249	84	62079	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.944	65	29279	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	4.963	84	115821	4.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	5.989	67	37962	3.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.246	98	109065	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.555	79	13643	4.041	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.030	63	69142	43.524	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.040%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29573	4.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	40732	4.294	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	55251	5.290	ug/L	99
3) Chloromethane	1.217	50	53574	5.088	ug/L	100
5) Vinyl chloride	1.282	62	51020	5.081	ug/L	99
6) Bromomethane	1.487	94	31372	5.172	ug/L	98
8) Chloroethane	1.548	64	32230	5.331	ug/L	97
9) Trichlorofluoromethane	1.712	101	64648	5.368	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	39502	5.413	ug/L	99
12) 1,1-Dichloroethene	2.069	96	35007	5.093	ug/L	88
13) Acetone	2.130	43	74658	50.235	ug/L	99
14) Carbon disulfide	2.240	76	113372	4.718	ug/L	100
15) Methyl Acetate	2.384	43	16498	4.931	ug/L	100
16) Methylene chloride	2.445	84	42113	4.699	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	84648	4.524	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	38346	4.870	ug/L	98
19) 1,1-Dichloroethane	3.111	63	72618	4.903	ug/L	99
21) 2-Butanone	3.883	43	105864	45.551	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	40598	4.789	ug/L	97
23) Bromochloromethane	4.150	128	17561	4.924	ug/L	96
25) Chloroform	4.278	83	72161	4.966	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	40614	4.731	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	59334	4.465	ug/L	98
30) Cyclohexane	4.584	56	62512	4.281	ug/L	99
31) Carbon tetrachloride	4.735	117	51035	4.539	ug/L	98
33) Benzene	5.011	78	154241	4.482	ug/L	100
34) Trichloroethene	5.834	95	44597	4.748	ug/L	97
35) Methylcyclohexane	6.050	83	67728	4.659	ug/L	98
37) 1,2-Dichloropropane	6.095	63	42494	4.618	ug/L	99
38) Bromodichloromethane	6.436	83	51111	4.674	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	57507	4.391	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	255100	43.805	ug/L	100
42) Toluene	7.317	91	171241	4.668	ug/L	97
44) trans-1,3-Dichloropropene	7.584	75	45737	4.249	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	29395	4.528	ug/L	99
47) Tetrachloroethene	7.905	164	32200	4.520	ug/L	98
48) 2-Hexanone	8.079	43	185830	45.228	ug/L	99
49) Dibromochloromethane	8.178	129	30521	4.516	ug/L	98
50) 1,2-Dibromoethane	8.284	107	27805	4.529	ug/L	94
51) Chlorobenzene	8.815	112	107454	4.550	ug/L	99
52) Ethylbenzene	8.947	91	183043	4.481	ug/L	99
53) m,p-Xylene	9.075	106	68137	4.498	ug/L	99
54) o-Xylene	9.481	106	66053	4.525	ug/L	97
55) Styrene	9.497	104	117276	4.757	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.181	83	31866	4.461	ug/L	99
59) Bromoform	9.667	173	16060	4.321	ug/L	99
60) Isopropylbenzene	9.870	105	181632	4.572	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	23992	4.410	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	144809	4.473	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	146692	4.551	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	87023	4.586	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	86399	4.538	ug/L	96
67) 1,2-Dichlorobenzene	11.583	146	79697	4.605	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	4646	4.180	ug/L	90
69) 1,3,5-Trichlorobenzene	12.587	180	63708	4.584	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	53824	4.366	ug/L	99
71) Naphthalene	13.445	128	85229	4.070	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	47670	4.488	ug/L	99

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

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