

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101023\
 Data File : VW032363.D
 Acq On : 10 Oct 2023 09:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005397

Quant Time: Oct 11 01:53:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 10 05:42:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	105758	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116350	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	43153	5.017	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.532	69	34910	5.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.060	65	16437	4.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	3.809	46	84455	38.815	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.640%
24) Chloroform-d	4.252	84	73336	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.947	65	32893	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	4.963	84	138544	4.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.992	67	42123	3.714	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.200%
41) Toluene-d8	7.246	98	137951	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.558	79	15683	3.902	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.030	63	71321	37.712	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.420%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32073	4.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	47842	4.271	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	67628	5.738	ug/L	98
3) Chloromethane	1.217	50	64798	5.454	ug/L	99
5) Vinyl chloride	1.285	62	64170	5.663	ug/L	100
6) Bromomethane	1.490	94	36762	5.371	ug/L	98
8) Chloroethane	1.552	64	39083	5.729	ug/L	96
9) Trichlorofluoromethane	1.716	101	76494	5.629	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	50144	6.090	ug/L	99
12) 1,1-Dichloroethene	2.069	96	43177	5.567	ug/L	93
13) Acetone	2.137	43	91475	54.547	ug/L	96
14) Carbon disulfide	2.240	76	130714	4.821	ug/L	100
15) Methyl Acetate	2.388	43	17694	4.687	ug/L	96
16) Methylene chloride	2.449	84	49310	4.876	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	97537	4.619	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	46182	5.198	ug/L	97
19) 1,1-Dichloroethane	3.111	63	88802	5.314	ug/L	100
21) 2-Butanone	3.889	43	110321	42.067	ug/L	92
22) cis-1,2-Dichloroethene	3.818	96	48621	5.083	ug/L	95
23) Bromochloromethane	4.150	128	20679	5.138	ug/L	98
25) Chloroform	4.278	83	88046	5.369	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	48002	4.955	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	73955	4.675	ug/L	99
30) Cyclohexane	4.584	56	74581	4.290	ug/L	96
31) Carbon tetrachloride	4.735	117	64885	4.848	ug/L	98
33) Benzene	5.011	78	185645	4.532	ug/L	100
34) Trichloroethene	5.834	95	54948	4.914	ug/L	96
35) Methylcyclohexane	6.050	83	82485	4.766	ug/L	99
37) 1,2-Dichloropropane	6.095	63	51818	4.730	ug/L	99
38) Bromodichloromethane	6.436	83	62996	4.840	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	69427	4.453	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	283681	40.919	ug/L	98
42) Toluene	7.317	91	215020	4.924	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	54375	4.244	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	35179	4.552	ug/L	97
47) Tetrachloroethene	7.908	164	41158	4.853	ug/L	99
48) 2-Hexanone	8.079	43	209471	42.824	ug/L	99
49) Dibromochloromethane	8.178	129	37794	4.697	ug/L	98
50) 1,2-Dibromoethane	8.288	107	32382	4.430	ug/L	92
51) Chlorobenzene	8.815	112	132575	4.715	ug/L	99
52) Ethylbenzene	8.950	91	229163	4.713	ug/L	99
53) m,p-Xylene	9.075	106	86692	4.807	ug/L	99
54) o-Xylene	9.481	106	82900	4.770	ug/L	99
55) Styrene	9.500	104	144971	4.940	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	38795	4.562	ug/L	98
59) Bromoform	9.667	173	20150	4.590	ug/L	100
60) Isopropylbenzene	9.870	105	229635	4.894	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	27373	4.260	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	178445	4.666	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	180737	4.747	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	108313	4.832	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	108825	4.839	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	96375	4.715	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5318	4.051	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	78334	4.772	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	64859	4.455	ug/L	99
71) Naphthalene	13.442	128	89725	3.628	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	57792	4.607	ug/L	98

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

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