

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091123\
 Data File : VW032013.D
 Acq On : 11 Sep 2023 09:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005384

Quant Time: Sep 12 05:58:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	126366	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	124657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	69700	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23536	5.515	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.200%
7) Chloroethane-d5	1.532	69	28481	5.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.600%
11) 1,1-Dichloroethene-d2	2.060	65	13270	5.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.600%
20) 2-Butanone-d5	3.802	46	119294	57.741	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.480%
24) Chloroform-d	4.252	84	69683	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	4.947	65	34927	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.963	84	137188	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	5.992	67	47150	4.714	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.246	98	119773	4.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.561	79	13608	3.731	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.027	63	90196	46.380	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.760%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33690	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	43565	3.860	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	29533	4.092	ug/L	99
3) Chloromethane	1.217	50	34135	4.414	ug/L	97
5) Vinyl chloride	1.281	62	34808	4.392	ug/L	97
6) Bromomethane	1.487	94	19280	3.893	ug/L	97
8) Chloroethane	1.548	64	22905	4.525	ug/L	100
9) Trichlorofluoromethane	1.712	101	45354	4.437	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28483	4.672	ug/L	96
12) 1,1-Dichloroethene	2.069	96	25021	4.398	ug/L	96
13) Acetone	2.127	43	70085	57.571	ug/L	73
14) Carbon disulfide	2.240	76	64080	4.004	ug/L	99
15) Methyl Acetate	2.384	43	15592	6.285	ug/L	99
16) Methylene chloride	2.449	84	32770	3.542	ug/L	92
17) Methyl tert-butyl Ether	2.706	73	86774	4.917	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	28763	4.461	ug/L	98
19) 1,1-Dichloroethane	3.114	63	66104	4.977	ug/L	99
21) 2-Butanone	3.883	43	110540	64.107	ug/L	92
22) cis-1,2-Dichloroethene	3.815	96	36088	4.858	ug/L	97
23) Bromochloromethane	4.153	128	14925	5.064	ug/L	92
25) Chloroform	4.278	83	64907	4.795	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	39265	4.850	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	53316	4.428	ug/L	98
30) Cyclohexane	4.584	56	51258	4.142	ug/L	97
31) Carbon tetrachloride	4.738	117	43079	4.424	ug/L	96
33) Benzene	5.014	78	135146	4.706	ug/L	100
34) Trichloroethene	5.838	95	35002	4.171	ug/L	97
35) Methylcyclohexane	6.053	83	49831	4.079	ug/L	97
37) 1,2-Dichloropropane	6.098	63	36657	4.633	ug/L	99
38) Bromodichloromethane	6.436	83	46961	4.586	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	56364	4.683	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	268036	54.056	ug/L	99
42) Toluene	7.320	91	142090	4.454	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	45478	4.526	ug/L	95
45) 1,1,2-Trichloroethane	7.773	97	25982	4.588	ug/L	98
47) Tetrachloroethene	7.908	164	23682	4.417	ug/L	99
48) 2-Hexanone	8.079	43	196708	53.098	ug/L	97
49) Dibromochloromethane	8.181	129	27473	4.656	ug/L	98
50) 1,2-Dibromoethane	8.288	107	23775	4.643	ug/L	98
51) Chlorobenzene	8.818	112	92764	4.592	ug/L	98
52) Ethylbenzene	8.950	91	162784	4.439	ug/L	99
53) m,p-Xylene	9.075	106	58300	4.220	ug/L	95
54) o-Xylene	9.480	106	56909	4.263	ug/L	96
55) Styrene	9.500	104	102698	4.460	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	30259	5.278	ug/L	99
59) Bromoform	9.667	173	14311	4.346	ug/L	99
60) Isopropylbenzene	9.870	105	160347	4.139	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	23807	4.637	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	133916	4.032	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	133487	4.091	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	72831	4.245	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	74296	4.215	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	67799	4.317	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	4907	4.220	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.586	180	53885	4.224	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	48042	4.132	ug/L	98
71) Naphthalene	13.445	128	81473	3.720	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	41343	4.223	ug/L	99

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

