

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101923\
 Data File : VW032485.D
 Acq On : 19 Oct 2023 09:20
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005289

Quant Time: Oct 20 06:15:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 19 04:26:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	108833	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	115799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61697	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40672	4.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.532	69	34781	4.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.059	65	16185	4.336	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.809	46	102082	45.591	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.180%
24) Chloroform-d	4.256	84	72756	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.947	65	35647	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.963	84	139988	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	5.992	67	42891	3.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.246	98	132243	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.558	79	16417	4.104	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.030	63	88475	47.005	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37209	4.712	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	45965	4.015	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	61422	5.065	ug/L	100
3) Chloromethane	1.217	50	61280	5.012	ug/L	99
5) Vinyl chloride	1.281	62	61052	5.236	ug/L	99
6) Bromomethane	1.487	94	29057	4.125	ug/L	93
8) Chloroethane	1.551	64	37797	5.384	ug/L	99
9) Trichlorofluoromethane	1.715	101	78035	5.580	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	47632	5.621	ug/L	98
12) 1,1-Dichloroethene	2.072	96	42256	5.294	ug/L	86
13) Acetone	2.140	43	105180	60.947	ug/L	94
14) Carbon disulfide	2.243	76	125764	4.507	ug/L	99
15) Methyl Acetate	2.387	43	20084	5.170	ug/L	96
16) Methylene chloride	2.449	84	49561	4.763	ug/L	92
17) Methyl tert-butyl Ether	2.706	73	105360	4.849	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	44187	4.833	ug/L	98
19) 1,1-Dichloroethane	3.114	63	89729	5.217	ug/L	99
21) 2-Butanone	3.886	43	141868	52.568	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	48544	4.931	ug/L	92
23) Bromochloromethane	4.153	128	21255	5.132	ug/L	94
25) Chloroform	4.278	83	91472	5.421	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	53641	5.381	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	76190	4.839	ug/L	98
30) Cyclohexane	4.583	56	70933	4.100	ug/L	98
31) Carbon tetrachloride	4.738	117	63453	4.763	ug/L	99
33) Benzene	5.011	78	193578	4.748	ug/L	100
34) Trichloroethene	5.834	95	49405	4.439	ug/L	97
35) Methylcyclohexane	6.053	83	77189	4.482	ug/L	98
37) 1,2-Dichloropropane	6.095	63	54098	4.962	ug/L	100
38) Bromodichloromethane	6.436	83	66431	5.128	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	70173	4.522	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	334836	48.527	ug/L	99
42) Toluene	7.317	91	212638	4.893	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	58421	4.581	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	37971	4.937	ug/L	99
47) Tetrachloroethene	7.908	164	38865	4.605	ug/L	98
48) 2-Hexanone	8.079	43	252046	51.774	ug/L	98
49) Dibromochloromethane	8.178	129	39970	4.991	ug/L	95
50) 1,2-Dibromoethane	8.284	107	34541	4.748	ug/L	97
51) Chlorobenzene	8.815	112	133883	4.785	ug/L	99
52) Ethylbenzene	8.950	91	227821	4.707	ug/L	100
53) m,p-Xylene	9.075	106	84012	4.681	ug/L	98
54) o-Xylene	9.480	106	80857	4.675	ug/L	97
55) Styrene	9.500	104	146229	5.006	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	45242	5.346	ug/L	97
59) Bromoform	9.670	173	21648	4.825	ug/L	100
60) Isopropylbenzene	9.869	105	224776	4.688	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	32083	4.886	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	171460	4.387	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	174474	4.484	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	108261	4.726	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	107436	4.675	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	97655	4.674	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	6727	5.014	ug/L	86
69) 1,3,5-Trichlorobenzene	12.586	180	76543	4.563	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	64057	4.305	ug/L	98
71) Naphthalene	13.442	128	102171	4.042	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	58232	4.542	ug/L	99

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

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