

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111723\
 Data File : VW032976.D
 Acq On : 17 Nov 2023 00:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

Quant Time: Nov 17 00:48:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:44:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	162129	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	160310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	81049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	69934	5.068	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.532	69	66302	5.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.056	65	28989	4.764	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.793	46	90845	49.411	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.820%
24) Chloroform-d	4.246	84	129599	5.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	4.940	65	55157	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	4.956	84	232026	5.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
36) 1,2-Dichloropropane-d6	5.985	67	65746	5.495	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.243	98	214242	5.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	7.554	79	24344	5.220	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.400%
46) 2-Hexanone-d5	8.024	63	80022	50.185	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	44508	5.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	71106	5.042	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	81304	4.586	ug/L	97
3) Chloromethane	1.214	50	91081	5.165	ug/L	98
5) Vinyl chloride	1.281	62	84599	5.053	ug/L	100
6) Bromomethane	1.487	94	64298	5.387	ug/L	95
8) Chloroethane	1.548	64	60694	4.831	ug/L	100
9) Trichlorofluoromethane	1.712	101	121243	4.666	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	64174	4.356	ug/L	99
12) 1,1-Dichloroethene	2.069	96	67209	4.912	ug/L	91
13) Acetone	2.121	43	75749	44.360	ug/L	99
14) Carbon disulfide	2.240	76	194443	4.917	ug/L	98
15) Methyl Acetate	2.378	43	16916	4.465	ug/L #	84
16) Methylene chloride	2.445	84	73125	4.513	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	117671	5.152	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	66496	5.111	ug/L	98
19) 1,1-Dichloroethane	3.108	63	119924	5.204	ug/L	94
21) 2-Butanone	3.873	43	91391	44.125	ug/L	94
22) cis-1,2-Dichloroethene	3.812	96	71859	5.400	ug/L	98
23) Bromochloromethane	4.143	128	32911	5.390	ug/L	97
25) Chloroform	4.275	83	131699	5.179	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	71949	5.319	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	110742	5.003	ug/L	99
30) Cyclohexane	4.577	56	67368	4.364	ug/L	98
31) Carbon tetrachloride	4.731	117	92782	4.841	ug/L	100
33) Benzene	5.008	78	259107	5.476	ug/L	100
34) Trichloroethene	5.831	95	67268	5.166	ug/L	98
35) Methylcyclohexane	6.050	83	74264	4.305	ug/L	95
37) 1,2-Dichloropropane	6.091	63	60045	5.104	ug/L	99
38) Bromodichloromethane	6.432	83	86038	5.301	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	79743	4.942	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	247280	53.272	ug/L	99
42) Toluene	7.313	91	266305	5.174	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	69288	5.340	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	45622	5.387	ug/L	96
47) Tetrachloroethene	7.905	164	50370	4.593	ug/L	99
48) 2-Hexanone	8.075	43	172777	50.409	ug/L	98
49) Dibromochloromethane	8.175	129	54310	5.349	ug/L	94
50) 1,2-Dibromoethane	8.284	107	42123	5.202	ug/L	99
51) Chlorobenzene	8.815	112	171079	4.950	ug/L	98
52) Ethylbenzene	8.947	91	259245	4.847	ug/L	99
53) m,p-Xylene	9.072	106	101645	4.916	ug/L	98
54) o-Xylene	9.477	106	96693	4.894	ug/L	97
55) Styrene	9.496	104	171047	5.034	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	46827	4.958	ug/L	97
59) Bromoform	9.667	173	28246	5.524	ug/L	98
60) Isopropylbenzene	9.866	105	247760	4.934	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	31854	5.381	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	190473	4.840	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	196793	4.962	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	134478	5.044	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	134208	4.930	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	121505	5.103	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	6904	4.866	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	91414	4.618	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	72353	4.507	ug/L	98
71) Naphthalene	13.442	128	102070	4.568	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	65004	4.650	ug/L	99

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

