

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101123\
 Data File : VW032403.D
 Acq On : 11 Oct 2023 19:09
 Operator : SY/MD
 Sample : 04826-04MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCJV0MS

Quant Time: Oct 12 03:07:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	108409	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116553	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	63173	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36088	4.093	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.532	69	31437	4.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.060	65	14665	3.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.802	46	96160	43.114	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.220%
24) Chloroform-d	4.253	84	72780	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.947	65	33537	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	4.963	84	126750	3.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	5.992	67	41769	3.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.600%
41) Toluene-d8	7.246	98	124854	3.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	7.558	79	16283	4.044	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.027	63	85085	44.912	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.820%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	35167	4.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	47402	4.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	62130	5.143	ug/L	99
3) Chloromethane	1.217	50	62896	5.165	ug/L	99
5) Vinyl chloride	1.282	62	59916	5.158	ug/L	99
6) Bromomethane	1.487	94	34161	4.869	ug/L	96
8) Chloroethane	1.548	64	36818	5.265	ug/L	99
9) Trichlorofluoromethane	1.716	101	73292	5.262	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44775	5.305	ug/L	99
12) 1,1-Dichloroethene	2.069	96	41083	5.167	ug/L	91
13) Acetone	2.130	43	80815	47.012	ug/L	97
14) Carbon disulfide	2.243	76	126376	4.547	ug/L	100
15) Methyl Acetate	2.384	43	17468	4.514	ug/L	98
16) Methylene chloride	2.449	84	48062	4.637	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	101072	4.670	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	43922	4.823	ug/L	97
19) 1,1-Dichloroethane	3.114	63	85716	5.004	ug/L	99
21) 2-Butanone	3.883	43	117628	43.757	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	49010	4.998	ug/L	96
23) Bromochloromethane	4.150	128	20489	4.967	ug/L	98
25) Chloroform	4.278	83	162119	9.645	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	51639	5.200	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	71916	4.538	ug/L	99
30) Cyclohexane	4.584	56	67830	3.895	ug/L	99
31) Carbon tetrachloride	4.738	117	60752	4.531	ug/L	98
33) Benzene	5.015	78	208995	5.093	ug/L	100
34) Trichloroethene	5.834	95	2477400	221.152	ug/L	98
35) Methylcyclohexane	6.053	83	79136	4.565	ug/L	94
37) 1,2-Dichloropropane	6.098	63	50577	4.609	ug/L	99
38) Bromodichloromethane	6.436	83	73724	5.654	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	67272	4.307	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	309642	44.586	ug/L	100
42) Toluene	7.317	91	218063	4.985	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	54747	4.265	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	36513	4.716	ug/L	99
47) Tetrachloroethene	7.908	164	42911	5.051	ug/L	99
48) 2-Hexanone	8.079	43	221649	45.235	ug/L	99
49) Dibromochloromethane	8.178	129	41013	5.089	ug/L	94
50) 1,2-Dibromoethane	8.284	107	33980	4.641	ug/L	97
51) Chlorobenzene	8.818	112	127917	4.542	ug/L	99
52) Ethylbenzene	8.950	91	219206	4.500	ug/L	100
53) m,p-Xylene	9.075	106	81193	4.494	ug/L	100
54) o-Xylene	9.481	106	78313	4.499	ug/L	99
55) Styrene	9.500	104	135875	4.622	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	41018	4.815	ug/L	96
59) Bromoform	9.670	173	21089	4.591	ug/L	98
60) Isopropylbenzene	9.870	105	215197	4.383	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	30228	4.496	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	168310	4.206	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	170465	4.279	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	104254	4.445	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	103882	4.415	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	96061	4.491	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	6121	4.456	ug/L	95
69) 1,3,5-Trichlorobenzene	12.587	180	73051	4.253	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	60533	3.973	ug/L	99
71) Naphthalene	13.442	128	95143	3.676	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	56057	4.270	ug/L	98

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

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