

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030323\
 Data File : VW030138.D
 Acq On : 03 Mar 2023 14:22
 Operator : SY/MD
 Sample : 01769-06MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBYL5MS

Quant Time: Mar 03 22:28:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 03 22:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	141220	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	138875	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	83018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	41674	4.561	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.539	69	44226	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.069	63	93348	4.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	3.818	46	96794	57.454	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.900%
24) Chloroform-d	4.262	84	103611	5.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	4.953	65	42734	5.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
32) Benzene-d6	4.973	84	186289	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	5.998	67	58810	5.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.252	98	175558	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.561	79	18366	4.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.034	63	87784	55.168	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.340%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47250	5.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	68337	4.865	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	61383	5.342	ug/L	99
3) Chloromethane	1.217	50	89957	4.968	ug/L	98
5) Vinyl chloride	1.288	62	64056	5.323	ug/L	98
6) Bromomethane	1.494	94	12238	5.666	ug/L	100
8) Chloroethane	1.555	64	40322	5.500	ug/L	99
9) Trichlorofluoromethane	1.719	101	96609	5.596	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	56481	5.275	ug/L	98
12) 1,1-Dichloroethene	2.076	96	51218	5.404	ug/L	98
13) Acetone	2.150	43	60091	48.259	ug/L #	48
14) Carbon disulfide	2.249	76	129250	5.097	ug/L	99
15) Methyl Acetate	2.394	43	13343	4.588	ug/L	100
16) Methylene chloride	2.455	84	50978	4.403	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	93635	5.052	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	47978	5.322	ug/L	98
19) 1,1-Dichloroethane	3.124	63	92327	5.497	ug/L	99
21) 2-Butanone	3.902	43	82789	49.437	ug/L	99
22) cis-1,2-Dichloroethene	3.828	96	52134	5.232	ug/L	94
23) Bromochloromethane	4.159	128	24758	5.814	ug/L	98
25) Chloroform	4.291	83	98989	5.666	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	51255	5.609	ug/L	98
29) 1,1,1-Trichloroethane	4.526	97	89329	5.476	ug/L	100
30) Cyclohexane	4.593	56	64227	4.556	ug/L	98
31) Carbon tetrachloride	4.748	117	78020	5.321	ug/L	100
33) Benzene	5.021	78	200197	5.278	ug/L	100
34) Trichloroethene	5.844	95	51802	4.874	ug/L	98
35) Methylcyclohexane	6.059	83	70786	4.401	ug/L	97
37) 1,2-Dichloropropane	6.104	63	51879	5.377	ug/L	100
38) Bromodichloromethane	6.442	83	68169	5.534	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	65454	4.634	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	208805	52.442	ug/L	98
42) Toluene	7.323	91	220590	5.370	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	54442	4.937	ug/L	99
45) 1,1,2-Trichloroethane	7.780	97	37176	5.385	ug/L	96
47) Tetrachloroethene	7.915	164	45948	5.037	ug/L	97
48) 2-Hexanone	8.085	43	151070	52.999	ug/L	99
49) Dibromochloromethane	8.185	129	44795	5.545	ug/L	99
50) 1,2-Dibromoethane	8.291	107	34663	5.381	ug/L	93
51) Chlorobenzene	8.821	112	142154	5.131	ug/L	100
52) Ethylbenzene	8.956	91	220536	4.933	ug/L	100
53) m,p-Xylene	9.082	106	86546	5.037	ug/L	96
54) o-Xylene	9.487	106	80443	4.901	ug/L	97
55) Styrene	9.487	104	5714	0.209	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.188	83	44546	5.768	ug/L	98
59) Bromoform	9.673	173	25828	5.191	ug/L	99
60) Isopropylbenzene	9.876	105	221266	4.632	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	28303	5.094	ug/L	97
62) 1,3,5-Trimethylbenzene	10.487	105	172503	4.396	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	183748	4.578	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	123192	4.953	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	125614	5.006	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	111573	5.080	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	6409	5.165	ug/L	96
69) 1,3,5-Trichlorobenzene	12.593	180	91544	4.477	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	71023	4.288	ug/L	99
71) Naphthalene	13.448	128	92812	4.288	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	62427	4.578	ug/L	100

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

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