

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030323\
 Data File : VW030139.D
 Acq On : 03 Mar 2023 14:46
 Operator : SY/MD
 Sample : 01769-07MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBYL5MSD

Quant Time: Mar 03 22:29:02 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	144098	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	140558	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	85281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	43612	4.677	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.539	69	45190	5.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.069	63	98111	5.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	3.815	46	101052	58.784	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.560%
24) Chloroform-d	4.262	84	105483	5.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
26) 1,2-Dichloroethane-d4	4.953	65	44212	5.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
32) Benzene-d6	4.973	84	189594	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	5.998	67	59455	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.252	98	180121	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.561	79	19076	4.900	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.034	63	90947	56.471	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.940%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47478	5.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	70715	4.901	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	64956	5.540	ug/L	99
3) Chloromethane	1.217	50	91467	4.951	ug/L	99
5) Vinyl chloride	1.285	62	67831	5.525	ug/L	99
6) Bromomethane	1.494	94	12795	5.805	ug/L	91
8) Chloroethane	1.555	64	42037	5.619	ug/L	99
9) Trichlorofluoromethane	1.719	101	100079	5.681	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	59473	5.444	ug/L	99
12) 1,1-Dichloroethene	2.076	96	53095	5.490	ug/L	97
13) Acetone	2.150	43	60967	47.984	ug/L #	45
14) Carbon disulfide	2.249	76	137665	5.320	ug/L	99
15) Methyl Acetate	2.391	43	13820	4.657	ug/L	100
16) Methylene chloride	2.455	84	52864	4.475	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	100316	5.305	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	49875	5.422	ug/L	99
19) 1,1-Dichloroethane	3.121	63	97754	5.704	ug/L	99
21) 2-Butanone	3.902	43	90111	52.735	ug/L	93
22) cis-1,2-Dichloroethene	3.828	96	54337	5.344	ug/L	100
23) Bromochloromethane	4.159	128	25739	5.924	ug/L	95
25) Chloroform	4.288	83	103787	5.822	ug/L	97

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27) 1,2-Dichloroethane	5.053	62	53464	5.734	ug/L	96
29) 1,1,1-Trichloroethane	4.522	97	92017	5.573	ug/L	100
30) Cyclohexane	4.596	56	69754	4.889	ug/L	97
31) Carbon tetrachloride	4.747	117	81385	5.484	ug/L	98
33) Benzene	5.021	78	211719	5.515	ug/L	100
34) Trichloroethene	5.844	95	54370	5.055	ug/L	98
35) Methylcyclohexane	6.063	83	76487	4.698	ug/L	97
37) 1,2-Dichloropropane	6.104	63	55496	5.683	ug/L	100
38) Bromodichloromethane	6.442	83	70385	5.646	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	70122	4.905	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	220627	54.748	ug/L	99
42) Toluene	7.323	91	229914	5.530	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	57165	5.122	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	38800	5.552	ug/L	96
47) Tetrachloroethene	7.915	164	48275	5.229	ug/L	97
48) 2-Hexanone	8.085	43	158563	54.961	ug/L	99
49) Dibromochloromethane	8.185	129	46032	5.629	ug/L	100
50) 1,2-Dibromoethane	8.291	107	36257	5.561	ug/L	95
51) Chlorobenzene	8.821	112	150831	5.379	ug/L	99
52) Ethylbenzene	8.956	91	238274	5.266	ug/L	98
53) m,p-Xylene	9.082	106	91895	5.284	ug/L	97
54) o-Xylene	9.487	106	87014	5.238	ug/L	99
55) Styrene	9.487	104	5975	0.216	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.188	83	45911	5.874	ug/L	98
59) Bromoform	9.673	173	27610	5.402	ug/L	99
60) Isopropylbenzene	9.876	105	236637	4.822	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	30628	5.366	ug/L	97
62) 1,3,5-Trimethylbenzene	10.487	105	187595	4.654	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	197813	4.798	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	129907	5.084	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	132711	5.148	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	118499	5.253	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	6850	5.374	ug/L	94
69) 1,3,5-Trichlorobenzene	12.593	180	99289	4.727	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	78608	4.620	ug/L	99
71) Naphthalene	13.448	128	103077	4.636	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	67836	4.843	ug/L	98

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

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