

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100923\
 Data File : VW032360.D
 Acq On : 10 Oct 2023 04:18
 Operator : SY/MD
 Sample : 04774-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX869MSD

Quant Time: Oct 10 06:04:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 10 05:42:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	93896	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	90429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	42098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39690	5.197	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.000%
7) Chloroethane-d5	1.532	69	31291	5.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.060	65	14423	4.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.799	46	97200	50.317	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.640%
24) Chloroform-d	4.252	84	63760	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.947	65	31641	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.966	84	117652	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	5.992	67	37637	4.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.246	98	108050	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.561	79	14238	4.558	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.027	63	86246	58.676	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.360%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31881	5.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	33300	4.263	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	59764	5.712	ug/L	100
3) Chloromethane	1.217	50	59129	5.606	ug/L	99
5) Vinyl chloride	1.282	62	56928	5.659	ug/L	100
6) Bromomethane	1.487	94	31516	5.186	ug/L	96
8) Chloroethane	1.548	64	35997	5.943	ug/L	99
9) Trichlorofluoromethane	1.716	101	66252	5.491	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	38156	5.219	ug/L	98
12) 1,1-Dichloroethene	2.069	96	36149	5.249	ug/L	98
13) Acetone	2.124	43	86230	57.915	ug/L	97
14) Carbon disulfide	2.243	76	116110	4.823	ug/L	100
15) Methyl Acetate	2.381	43	18760	5.597	ug/L	95
16) Methylene chloride	2.449	84	44703	4.979	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	103922	5.543	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	41033	5.202	ug/L	99
19) 1,1-Dichloroethane	3.114	63	78125	5.265	ug/L	99
21) 2-Butanone	3.876	43	129656	55.686	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	53264	6.272	ug/L	99
23) Bromochloromethane	4.156	128	19755	5.529	ug/L	98
25) Chloroform	4.281	83	85580	5.878	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	47234	5.492	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	62731	5.102	ug/L	100
30) Cyclohexane	4.584	56	57600	4.263	ug/L	99
31) Carbon tetrachloride	4.738	117	58477	5.621	ug/L	98
33) Benzene	5.015	78	166229	5.221	ug/L	100
34) Trichloroethene	5.834	95	1361580	156.658	ug/L	98
35) Methylcyclohexane	6.053	83	60223	4.478	ug/L	93
37) 1,2-Dichloropropane	6.095	63	43705	5.133	ug/L	100
38) Bromodichloromethane	6.436	83	56524	5.587	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	59534	4.913	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	336154	62.386	ug/L	99
42) Toluene	7.320	91	188206	5.545	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	47194	4.739	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	33894	5.643	ug/L	98
47) Tetrachloroethene	7.908	164	29003	4.400	ug/L	97
48) 2-Hexanone	8.079	43	234179	61.599	ug/L	99
49) Dibromochloromethane	8.178	129	34652	5.541	ug/L	96
50) 1,2-Dibromoethane	8.288	107	32746	5.764	ug/L	98
51) Chlorobenzene	8.818	112	97378	4.456	ug/L	99
52) Ethylbenzene	8.950	91	168740	4.465	ug/L	100
53) m,p-Xylene	9.075	106	65512	4.674	ug/L	99
54) o-Xylene	9.481	106	60795	4.501	ug/L	98
55) Styrene	9.500	104	101960	4.470	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	41116	6.221	ug/L	98
59) Bromoform	9.670	173	18003	5.881	ug/L	97
60) Isopropylbenzene	9.870	105	155710	4.759	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	28657	6.396	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	118278	4.436	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	121379	4.572	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	68988	4.414	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	68959	4.398	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	67753	4.753	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	5395	5.893	ug/L	94
69) 1,3,5-Trichlorobenzene	12.587	180	45079	3.938	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	39511	3.892	ug/L	98
71) Naphthalene	13.442	128	80527	4.669	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	36984	4.228	ug/L	99

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

