

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011024\
 Data File : VV033571.D
 Acq On : 10 Jan 2024 19:29
 Operator : SY/MD
 Sample : P1059-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCH91MS

Quant Time: Jan 11 00:53:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:32:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	322659	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	306499	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	154618	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	118076	47.615	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.240%
7) Chloroethane-d5	1.529	69	91280	46.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	2.060	65	50364	47.192	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.380%
21) 2-Butanone-d5	3.783	46	167334	98.379	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.380%
24) Chloroform-d	4.246	84	208134	46.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.880%
26) 1,2-Dichloroethane-d4	4.941	65	135778	47.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.780%
32) Benzene-d6	4.960	84	409453	46.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
36) 1,2-Dichloropropane-d6	5.989	67	134251	46.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.620%
41) Toluene-d8	7.243	98	369233	47.030	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.060%
43) trans-1,3-Dichloroprop...	7.551	79	68154	48.079	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.160%
47) 2-Hexanone-d5	8.021	63	123051	103.428	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.430%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	171161	46.744	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.480%
66) 1,2-Dichlorobenzene-d4	11.561	152	140163	47.779	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	127307	47.427	ug/L	99
3) Chloromethane	1.214	50	150226	49.217	ug/L	99
5) Vinyl chloride	1.282	62	145806	49.933	ug/L	98
6) Bromomethane	1.481	94	74749	48.980	ug/L	100
8) Chloroethane	1.545	64	85799	49.276	ug/L	100
9) Trichlorofluoromethane	1.712	101	175190	50.276	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	100835	49.117	ug/L	99
12) 1,1-Dichloroethene	2.069	96	98533	50.884	ug/L	98
13) Acetone	2.108	43	296565	182.360	ug/L	99
14) Carbon disulfide	2.240	76	323399	49.137	ug/L	100
15) Methyl Acetate	2.368	43	134699	50.652	ug/L	# 100
16) Methylene chloride	2.446	84	114677	48.544	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	105003	48.543	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	395905	50.890	ug/L	100
19) 1,1-Dichloroethane	3.111	63	237311	53.663	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	121656	50.533	ug/L	98
22) 2-Butanone	3.860	43	229604	116.246	ug/L	96
23) Bromochloromethane	4.146	128	58608	50.112	ug/L	98
25) Chloroform	4.275	83	212965	50.792	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	179063	51.130	ug/L	99
29) Cyclohexane	4.584	56	215659	49.910	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	186586	50.728	ug/L	100
31) Carbon tetrachloride	4.735	117	160726	51.194	ug/L	98
33) Benzene	5.011	78	461552	51.270	ug/L	100
34) Trichloroethene	5.831	95	118440	49.046	ug/L	99
35) Methylcyclohexane	6.050	83	199444	48.260	ug/L	100
37) 1,2-Dichloropropane	6.092	63	129743	52.374	ug/L	100
38) Bromodichloromethane	6.433	83	165083	50.940	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	211660	51.165	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	386836	105.386	ug/L	100
42) Toluene	7.314	91	480721	50.516	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	195241	51.216	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	115160	51.235	ug/L	99
46) Tetrachloroethene	7.905	164	86097	48.608	ug/L	98
48) 2-Hexanone	8.072	43	285960	97.770	ug/L	99
49) Dibromochloromethane	8.175	129	116661	49.834	ug/L	100
50) 1,2-Dibromoethane	8.281	107	122280	51.479	ug/L	99
51) Chlorobenzene	8.815	112	303474	50.064	ug/L	99
52) Ethylbenzene	8.947	91	553083	50.179	ug/L	99
53) m,p-Xylene	9.072	106	201371	49.487	ug/L	99
54) o-Xylene	9.477	106	200711	49.823	ug/L	100
55) Styrene	9.497	104	343893	49.444	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	185047	51.731	ug/L	100
59) Bromoform	9.664	173	86600	52.698	ug/L	98
60) Isopropylbenzene	9.866	105	546816	52.271	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	147404	53.718	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	460453	51.299	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	464929	51.986	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	237765	50.317	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	235308	49.663	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	233340	50.538	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	42324	53.449	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	169882	48.651	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	151827	47.905	ug/L	100
71) Naphthalene	13.439	128	375486	45.339	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	145655	49.238	ug/L	100

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

