

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036034.D
 Acq On : 06 Jun 2023 15:48
 Operator : JC/MD
 Sample : 02991-04MS 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C06MS

Quant Time: Jun 07 05:55:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	300204	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	273672	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	140576	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	105005	51.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.960%	
7) Chloroethane-d5	1.672	69	80476	51.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 102.900%	
11) 1,1-Dichloroethene-d2	2.306	65	53834	52.057	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.120%	
21) 2-Butanone-d5	4.471	46	190091	113.703	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 113.700%	
24) Chloroform-d	5.056	84	221214	52.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.020%	
26) 1,2-Dichloroethane-d4	5.952	65	164573	53.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.060%	
32) Benzene-d6	5.976	84	425423	51.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.340%	
36) 1,2-Dichloropropane-d6	7.305	67	134685	52.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 105.260%	
41) Toluene-d8	8.647	98	396734	52.358	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.720%	
43) trans-1,3-Dichloroprop...	8.951	79	63844	51.976	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.960%	
47) 2-Hexanone-d5	9.384	63	134607	118.133	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 118.130%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	191068	54.665	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 109.340%	
66) 1,2-Dichlorobenzene-d4	12.323	152	143208	52.471	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	129296	45.224	ug/L	98
3) Chloromethane	1.294	50	120537	44.747	ug/L	98
5) Vinyl chloride	1.374	62	112238	44.952	ug/L	99
6) Bromomethane	1.617	94	64996	44.681	ug/L	99
8) Chloroethane	1.691	64	66648	44.999	ug/L	100
9) Trichlorofluoromethane	1.886	101	160404	45.672	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	99957	43.606	ug/L	99
12) 1,1-Dichloroethene	2.318	96	89448	44.839	ug/L	95
13) Acetone	2.398	43	114429	64.781	ug/L	98
14) Carbon disulfide	2.514	76	239835	43.809	ug/L	99
15) Methyl Acetate	2.709	43	128080	46.865	ug/L	99
16) Methylene chloride	2.788	84	103373	45.128	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	91944	43.019	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	385544	50.700	ug/L	99
19) 1,1-Dichloroethane	3.611	63	192516	45.180	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	134011	54.648	ug/L	97
22) 2-Butanone	4.568	43	181896	86.217	ug/L	99
23) Bromochloromethane	4.903	128	53969	44.341	ug/L	94
25) Chloroform	5.092	83	212669	45.882	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	185281	46.848	ug/L	100
29) Cyclohexane	5.470	56	167721	44.123	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	172640	45.521	ug/L	100
31) Carbon tetrachloride	5.678	117	144971	46.029	ug/L	99
33) Benzene	6.037	78	413868	45.392	ug/L	100
34) Trichloroethene	7.122	95	121952	49.661	ug/L	99
35) Methylcyclohexane	7.379	83	159004	44.108	ug/L	99
37) 1,2-Dichloropropane	7.427	63	109813	45.890	ug/L	99
38) Bromodichloromethane	7.824	83	139569	45.240	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	172392	46.109	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	359669	99.799	ug/L	100
42) Toluene	8.720	91	430484	45.396	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	162558	46.432	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	106886	45.639	ug/L	100
46) Tetrachloroethene	9.275	164	174836	101.813	ug/L	97
48) 2-Hexanone	9.433	43	277168	97.466	ug/L	99
49) Dibromochloromethane	9.518	129	102208	45.996	ug/L	97
50) 1,2-Dibromoethane	9.610	107	115903	46.835	ug/L #	98
51) Chlorobenzene	10.079	112	276692	44.349	ug/L	98
52) Ethylbenzene	10.195	91	492532	45.096	ug/L	100
53) m,p-Xylene	10.299	106	183992	44.422	ug/L	97
54) o-Xylene	10.640	106	180292	44.533	ug/L	98
55) Styrene	10.652	104	309825	45.029	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	176204	47.867	ug/L	99
59) Bromoform	10.799	173	66865	45.494	ug/L	100
60) Isopropylbenzene	10.963	105	484680	45.038	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	145048	48.249	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	408028	45.586	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	375971	45.392	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	204658	43.916	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	208351	43.709	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	203999	44.811	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	37232	49.039	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	125083	43.852	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	112447	43.157	ug/L	99
71) Naphthalene	13.774	128	396641	46.285	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	111200	42.920	ug/L	100

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

