

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060823\
 Data File : VX036091.D
 Acq On : 08 Jun 2023 23:18
 Operator : JC/MD
 Sample : 03097-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EZEN4MS

Quant Time: Jun 09 02:25:41 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	299226	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282846	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	141153	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	95616	47.032	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.060%
7) Chloroethane-d5	1.672	69	79431	50.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.880%
11) 1,1-Dichloroethene-d2	2.306	65	50210	48.712	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.420%
21) 2-Butanone-d5	4.477	46	166078	99.665	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.660%
24) Chloroform-d	5.056	84	219018	51.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.320%
26) 1,2-Dichloroethane-d4	5.952	65	158732	51.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.620%
32) Benzene-d6	5.976	84	406745	47.804	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	7.306	67	130918	49.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.000%
41) Toluene-d8	8.647	98	375400	47.936	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	8.952	79	59684	47.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.020%
47) 2-Hexanone-d5	9.384	63	119281	101.288	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.290%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	181983	50.377	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.760%
66) 1,2-Dichlorobenzene-d4	12.317	152	136744	49.897	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	133089	46.702	ug/L	99
3) Chloromethane	1.294	50	121028	45.076	ug/L	98
5) Vinyl chloride	1.374	62	119103	47.857	ug/L	97
6) Bromomethane	1.618	94	65447	45.138	ug/L	99
8) Chloroethane	1.691	64	72927	49.400	ug/L	99
9) Trichlorofluoromethane	1.892	101	173687	49.616	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	109036	47.722	ug/L	99
12) 1,1-Dichloroethene	2.319	96	96042	48.302	ug/L	92
13) Acetone	2.410	43	108965	61.890	ug/L	100
14) Carbon disulfide	2.514	76	244497	44.807	ug/L	100
15) Methyl Acetate	2.709	43	121872	44.739	ug/L	99
16) Methylene chloride	2.788	84	109145	47.804	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	98887	46.419	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	369401	48.736	ug/L	99
19) 1,1-Dichloroethane	3.611	63	204499	48.149	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	114120	46.689	ug/L	99
22) 2-Butanone	4.574	43	173648	82.577	ug/L	100
23) Bromochloromethane	4.897	128	55561	45.798	ug/L	99
25) Chloroform	5.093	83	223269	48.326	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	195577	49.613	ug/L	98
29) Cyclohexane	5.470	56	183319	46.663	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	185766	47.393	ug/L	99
31) Carbon tetrachloride	5.684	117	153697	47.217	ug/L	99
33) Benzene	6.037	78	438401	46.523	ug/L	100
34) Trichloroethene	7.123	95	120731	47.570	ug/L	98
35) Methylcyclohexane	7.379	83	171643	46.070	ug/L	99
37) 1,2-Dichloropropane	7.427	63	118696	47.993	ug/L	100
38) Bromodichloromethane	7.818	83	150367	47.160	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	178404	46.169	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	354163	95.084	ug/L	100
42) Toluene	8.720	91	463035	47.245	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	168848	46.664	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	114416	47.269	ug/L	97
46) Tetrachloroethene	9.275	164	80822	45.539	ug/L	97
48) 2-Hexanone	9.433	43	263405	89.622	ug/L	99
49) Dibromochloromethane	9.519	129	108342	47.175	ug/L	96
50) 1,2-Dibromoethane	9.610	107	119465	46.709	ug/L	99
51) Chlorobenzene	10.079	112	297822	46.188	ug/L	98
52) Ethylbenzene	10.195	91	533474	47.261	ug/L	98
53) m,p-Xylene	10.299	106	201788	47.138	ug/L	99
54) o-Xylene	10.640	106	197533	47.209	ug/L	99
55) Styrene	10.652	104	331681	46.642	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	179707	47.235	ug/L	100
59) Bromoform	10.799	173	70001	47.433	ug/L	98
60) Isopropylbenzene	10.963	105	524054	48.497	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	145990	48.364	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	438431	48.782	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	404432	48.628	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	219078	46.818	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	219048	45.765	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	217308	47.539	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	35029	45.949	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	130475	45.555	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	118116	45.147	ug/L	100
71) Naphthalene	13.774	128	407569	47.366	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	117858	45.304	ug/L	98

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

