

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036046.D
 Acq On : 06 Jun 2023 20:28
 Operator : JC/MD
 Sample : 02992-02MS 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C08MS

Quant Time: Jun 07 05:58:58 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	6.757	114	292203	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	267574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	135070	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	93828	47.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.520%
7) Chloroethane-d5	1.672	69	78170	51.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.680%
11) 1,1-Dichloroethene-d2	2.306	65	47890	47.578	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.160%
21) 2-Butanone-d5	4.471	46	185577	114.043	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.040%
24) Chloroform-d	5.056	84	212350	51.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.952	65	154339	51.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.180%
32) Benzene-d6	5.970	84	416544	51.750	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.500%
36) 1,2-Dichloropropane-d6	7.306	67	133375	53.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.620%
41) Toluene-d8	8.647	98	374369	50.533	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.060%
43) trans-1,3-Dichloroprop...	8.952	79	60707	50.549	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.100%
47) 2-Hexanone-d5	9.384	63	132299	118.754	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.750%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	189932	55.579	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.160%
66) 1,2-Dichlorobenzene-d4	12.317	152	137015	52.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	117229	42.126	ug/L	99
3) Chloromethane	1.294	50	129877	49.534	ug/L	97
5) Vinyl chloride	1.374	62	113822	46.834	ug/L	98
6) Bromomethane	1.618	94	69060	48.775	ug/L	97
8) Chloroethane	1.691	64	69899	48.487	ug/L	99
9) Trichlorofluoromethane	1.886	101	146784	42.938	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	92072	41.266	ug/L	99
12) 1,1-Dichloroethene	2.319	96	88359	45.506	ug/L	98
13) Acetone	2.404	43	127736	74.295	ug/L	98
14) Carbon disulfide	2.514	76	226465	42.500	ug/L	100
15) Methyl Acetate	2.709	43	138915	52.221	ug/L	98
16) Methylene chloride	2.788	84	112703	50.548	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	95796	46.049	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	387320	52.328	ug/L #	95
19) 1,1-Dichloroethane	3.611	63	205022	49.433	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	210039	87.996	ug/L	98
22) 2-Butanone	4.574	43	193280	94.122	ug/L	97
23) Bromochloromethane	4.897	128	60393	50.978	ug/L	97
25) Chloroform	5.093	83	225848	50.059	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	193023	50.142	ug/L	97
29) Cyclohexane	5.471	56	319172	85.880	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	170743	46.046	ug/L	97
31) Carbon tetrachloride	5.678	117	133891	43.480	ug/L	100
33) Benzene	6.038	78	747767	83.882	ug/L	100
34) Trichloroethene	7.123	95	247950	103.272	ug/L	94
35) Methylcyclohexane	7.379	83	224763	63.770	ug/L	99
37) 1,2-Dichloropropane	7.428	63	117928	50.404	ug/L	99
38) Bromodichloromethane	7.818	83	148008	49.069	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	182151	49.829	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	389553	110.554	ug/L	98
42) Toluene	8.720	91	447962	48.315	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	169101	49.401	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	118613	51.800	ug/L	97
46) Tetrachloroethene	9.275	164	96794	57.651	ug/L	96
48) 2-Hexanone	9.433	43	295759	106.373	ug/L	100
49) Dibromochloromethane	9.519	129	108902	50.126	ug/L	98
50) 1,2-Dibromoethane	9.610	107	125171	51.733	ug/L	99
51) Chlorobenzene	10.079	112	288883	47.359	ug/L	96
52) Ethylbenzene	10.195	91	570797	53.453	ug/L	97
53) m,p-Xylene	10.299	106	271900	67.141	ug/L	100
54) o-Xylene	10.640	106	195659	49.430	ug/L	99
55) Styrene	10.653	104	311751	46.342	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	191555	53.223	ug/L	99
59) Bromoform	10.799	173	71412	50.568	ug/L	100
60) Isopropylbenzene	10.963	105	489708	47.360	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	153435	53.119	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	425487	49.474	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	424830	53.381	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	208077	46.470	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	211536	46.186	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	215035	49.160	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	38357	52.581	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	124021	45.252	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	113970	45.524	ug/L	99
71) Naphthalene	13.774	128	433350	52.631	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	114625	46.045	ug/L	99

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

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