

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036047.D
 Acq On : 06 Jun 2023 20:52
 Operator : JC/MD
 Sample : 02992-03MSD 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C08MSD

Quant Time: Jun 07 05:59:26 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	309539	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	273230	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141109	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	95147	45.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.480%
7) Chloroethane-d5	1.672	69	78130	48.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.880%
11) 1,1-Dichloroethene-d2	2.306	65	47607	44.647	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.300%
21) 2-Butanone-d5	4.471	46	185918	107.853	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.850%
24) Chloroform-d	5.056	84	218675	49.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
26) 1,2-Dichloroethane-d4	5.958	65	160727	50.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.460%
32) Benzene-d6	5.970	84	415826	50.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.180%
36) 1,2-Dichloropropane-d6	7.306	67	134597	52.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.360%
41) Toluene-d8	8.647	98	384691	50.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.700%
43) trans-1,3-Dichloroprop...	8.945	79	60808	49.585	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.160%
47) 2-Hexanone-d5	9.384	63	132161	116.174	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.170%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	188681	54.070	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.140%
66) 1,2-Dichlorobenzene-d4	12.317	152	138020	50.379	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108689	36.869	ug/L	99
3) Chloromethane	1.294	50	131157	47.221	ug/L	99
5) Vinyl chloride	1.374	62	118906	46.186	ug/L	100
6) Bromomethane	1.618	94	75295	50.200	ug/L	99
8) Chloroethane	1.691	64	72065	47.189	ug/L	99
9) Trichlorofluoromethane	1.886	101	143274	39.564	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	88693	37.525	ug/L	99
12) 1,1-Dichloroethene	2.319	96	91897	44.677	ug/L	97
13) Acetone	2.404	43	130238	71.508	ug/L	100
14) Carbon disulfide	2.514	76	243096	43.066	ug/L	99
15) Methyl Acetate	2.709	43	140633	49.906	ug/L	99
16) Methylene chloride	2.788	84	119099	50.425	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	104565	47.449	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	394977	50.374	ug/L	95
19) 1,1-Dichloroethane	3.611	63	214104	48.731	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	214324	84.762	ug/L	99
22) 2-Butanone	4.568	43	201814	92.774	ug/L	99
23) Bromochloromethane	4.897	128	60840	48.479	ug/L	97
25) Chloroform	5.093	83	235589	49.294	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	204475	50.142	ug/L	98
29) Cyclohexane	5.471	56	292039	76.953	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	179583	47.428	ug/L	99
31) Carbon tetrachloride	5.678	117	139227	44.277	ug/L	99
33) Benzene	6.037	78	753713	82.799	ug/L	100
34) Trichloroethene	7.123	95	254830	103.940	ug/L	94
35) Methylcyclohexane	7.379	83	203671	56.590	ug/L	99
37) 1,2-Dichloropropane	7.427	63	125619	52.580	ug/L	100
38) Bromodichloromethane	7.824	83	153658	49.888	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	187955	50.353	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	391433	108.788	ug/L	98
42) Toluene	8.720	91	477300	50.414	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	175676	50.260	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	123626	52.872	ug/L	97
46) Tetrachloroethene	9.275	164	98807	57.632	ug/L	96
48) 2-Hexanone	9.433	43	296779	104.531	ug/L	97
49) Dibromochloromethane	9.519	129	115411	52.022	ug/L	98
50) 1,2-Dibromoethane	9.610	107	129853	52.557	ug/L	99
51) Chlorobenzene	10.079	112	292220	46.914	ug/L	99
52) Ethylbenzene	10.195	91	590371	54.142	ug/L	99
53) m,p-Xylene	10.299	106	278086	67.247	ug/L	99
54) o-Xylene	10.640	106	206231	51.023	ug/L	99
55) Styrene	10.652	104	329841	48.016	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	194474	52.916	ug/L	99
59) Bromoform	10.799	173	74587	50.556	ug/L	99
60) Isopropylbenzene	10.963	105	496765	45.986	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	157679	52.252	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	433406	48.238	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	438006	52.681	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	222188	47.498	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	224391	46.896	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	222596	48.711	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	38948	51.106	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	128981	45.048	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	119514	45.696	ug/L	97
71) Naphthalene	13.774	128	450066	52.321	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	122155	46.970	ug/L	99

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

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Abundance TIC: VX036047.D\data.ms