

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025756.D
 Acq On : 11 Dec 2021 20:17
 Operator : JC/MD
 Sample : M4997-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW5Q3MS

Quant Time: Dec 12 06:36:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	94256	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	90923	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	45788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25018	38.893	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.780%		
7) Chloroethane-d5	1.660	69	21594	40.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.340%		
11) 1,1-Dichloroethene-d2	2.307	63	48186	46.981	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.960%		
21) 2-Butanone-d5	4.465	46	43326	90.482	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.480%		
24) Chloroform-d	5.068	84	54758	48.708	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.420%		
26) 1,2-Dichloroethane-d4	5.964	65	35030	49.990	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.980%		
32) Benzene-d6	5.983	84	102815	42.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.340%		
36) 1,2-Dichloropropane-d6	7.312	67	31746	42.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.100%		
41) Toluene-d8	8.653	98	99054	43.549	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.100%		
43) trans-1,3-Dichloroprop...	8.952	79	15441	41.165	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.320%		
47) 2-Hexanone-d5	9.385	63	31245	80.452	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.450%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	49993	47.412	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.820%		
66) 1,2-Dichlorobenzene-d4	12.323	152	38773	43.174	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	25702	46.468	ug/L	99
3) Chloromethane	1.295	50	26863	47.054	ug/L	97
5) Vinyl chloride	1.374	62	30965	46.460	ug/L	99
6) Bromomethane	1.599	94	18463	52.954	ug/L	97
8) Chloroethane	1.685	64	20550	46.285	ug/L	98
9) Trichlorofluoromethane	1.886	101	53402	51.346	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	27330	50.038	ug/L	93
12) 1,1-Dichloroethene	2.319	96	24495	48.395	ug/L	92
13) Acetone	2.386	43	29793	75.669	ug/L	95
14) Carbon disulfide	2.514	76	58191	46.758	ug/L	100
15) Methyl Acetate	2.709	43	27443	43.128	ug/L #	90
16) Methylene chloride	2.794	84	29451	50.309	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	26830	49.237	ug/L	96
18) Methyl tert-butyl Ether	3.123	73	93582	50.529	ug/L	98
19) 1,1-Dichloroethane	3.617	63	77879	79.805	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	53777	83.747	ug/L	100
22) 2-Butanone	4.562	43	48738	93.599	ug/L	98
23) Bromochloromethane	4.910	128	16920	49.875	ug/L	96
25) Chloroform	5.105	83	58088	54.697	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	44727	57.905	ug/L	98
29) Cyclohexane	5.471	56	39316	42.207	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	51329	51.139	ug/L	97
31) Carbon tetrachloride	5.684	117	45224	50.456	ug/L	100
33) Benzene	6.044	78	115123	47.396	ug/L	100
34) Trichloroethene	7.129	95	31194	48.826	ug/L	95
35) Methylcyclohexane	7.385	83	41961	41.730	ug/L	99
37) 1,2-Dichloropropane	7.434	63	29788	48.893	ug/L	98
38) Bromodichloromethane	7.824	83	45438	53.555	ug/L	98
39) cis-1,3-Dichloropropene	8.373	75	45783	46.138	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	96514	99.207	ug/L	97
42) Toluene	8.720	91	129737	48.432	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	45352	47.552	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	32082	49.621	ug/L	98
46) Tetrachloroethene	9.275	164	23304	43.011	ug/L	96
48) 2-Hexanone	9.433	43	74831	95.770	ug/L	98
49) Dibromochloromethane	9.525	129	38525	51.699	ug/L	96
50) 1,2-Dibromoethane	9.616	107	33994	49.332	ug/L	100
51) Chlorobenzene	10.080	112	85291	48.269	ug/L	96
52) Ethylbenzene	10.195	91	141066	48.999	ug/L	99
53) m,p-Xylene	10.305	106	56674	48.599	ug/L	100
54) o-Xylene	10.647	106	55852	47.846	ug/L	93
55) Styrene	10.659	104	96169	49.579	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.214	83	53024	53.111	ug/L	96
59) Bromoform	10.799	173	28529	50.497	ug/L	98
60) Isopropylbenzene	10.964	105	144877	49.233	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	41787	53.349	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	121834	49.502	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	121327	48.789	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	65326	48.346	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	66304	48.579	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	65984	48.294	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	11516	52.901	ug/L	86
69) 1,3,5-Trichlorobenzene	13.116	180	42058	42.787	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	35178	42.575	ug/L	98
71) Naphthalene	13.780	128	133032	47.500	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	37234	43.989	ug/L	98

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

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