

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026051.D
 Acq On : 27 Dec 2021 11:07
 Operator : JC/MD
 Sample : M5150-23MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBBY0MS

Quant Time: Dec 28 01:08:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	193838	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	187095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	99972	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	95745	69.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 139.300%#	
7) Chloroethane-d5	1.666	69	73743	67.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 134.260%#	
11) 1,1-Dichloroethene-d2	2.313	63	179996	66.079	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 132.160%#	
21) 2-Butanone-d5	4.459	46	124897	104.802	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 104.800%	
24) Chloroform-d	5.062	84	152947	55.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.200%	
26) 1,2-Dichloroethane-d4	5.958	65	110554	59.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 118.720%	
32) Benzene-d6	5.977	84	335509	62.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 124.600%	
36) 1,2-Dichloropropane-d6	7.312	67	103588	61.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 123.760%#	
41) Toluene-d8	8.647	98	313113	62.272	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 124.540%#	
43) trans-1,3-Dichloroprop...	8.952	79	47245	64.870	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 129.740%#	
47) 2-Hexanone-d5	9.384	63	103317	119.589	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 119.590%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	145133	58.798	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 117.600%	
66) 1,2-Dichlorobenzene-d4	12.323	152	118471	62.711	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 125.420%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	102767	53.046	ug/L	100
3) Chloromethane	1.294	50	96212	53.502	ug/L	99
5) Vinyl chloride	1.374	62	125898	70.538	ug/L	100
6) Bromomethane	1.605	94	58253	57.156	ug/L	97
8) Chloroethane	1.691	64	57054	52.941	ug/L	98
9) Trichlorofluoromethane	1.892	101	146808	54.356	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	77184	55.420	ug/L	94
12) 1,1-Dichloroethene	2.325	96	90220	69.261	ug/L	90
13) Acetone	2.380	43	88387	135.661	ug/L	94
14) Carbon disulfide	2.514	76	182487	50.724	ug/L	98
15) Methyl Acetate	2.703	43	90670	50.495	ug/L #	91
16) Methylene chloride	2.794	84	78268	51.680	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	81641	58.858	ug/L	91
18) Methyl tert-butyl Ether	3.111	73	240083	53.280	ug/L	96
19) 1,1-Dichloroethane	3.611	63	138004	52.754	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	638539	412.480	ug/L	90
22) 2-Butanone	4.556	43	128837	106.205	ug/L	96
23) Bromochloromethane	4.904	128	42410	54.915	ug/L	87
25) Chloroform	5.099	83	160086	58.653	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	113253	50.305	ug/L	98
29) Cyclohexane	5.477	56	135004	54.938	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	121347	53.265	ug/L	95
31) Carbon tetrachloride	5.684	117	104473	52.913	ug/L	99
33) Benzene	6.038	78	314576	52.949	ug/L	100
34) Trichloroethene	7.135	95	4376172	2879.656	ug/L	89
35) Methylcyclohexane	7.385	83	130438	54.229	ug/L	95
37) 1,2-Dichloropropane	7.428	63	82789	54.900	ug/L	97
38) Bromodichloromethane	7.824	83	105628	53.447	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	121886	56.248	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	260537	102.765	ug/L	94
42) Toluene	8.720	91	343711	54.325	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	118858	57.799	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	80538	55.293	ug/L	97
46) Tetrachloroethene	9.275	164	66049	56.970	ug/L	96
48) 2-Hexanone	9.433	43	202067	104.790	ug/L	96
49) Dibromochloromethane	9.525	129	81415	54.121	ug/L	96
50) 1,2-Dibromoethane	9.610	107	83296	53.550	ug/L	99
51) Chlorobenzene	10.079	112	216898	54.462	ug/L	97
52) Ethylbenzene	10.195	91	371544	54.146	ug/L	96
53) m,p-Xylene	10.299	106	144891	55.314	ug/L	91
54) o-Xylene	10.640	106	141348	54.478	ug/L	89
55) Styrene	10.659	104	243989	55.704	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	127563	52.115	ug/L	97
59) Bromoform	10.799	173	55379	53.637	ug/L	100
60) Isopropylbenzene	10.963	105	371024	54.018	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	102375	51.251	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	312356	54.314	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	314180	54.533	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	164213	53.583	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	165845	53.749	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	164060	54.143	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	25696	48.827	ug/L	85
69) 1,3,5-Trichlorobenzene	13.116	180	111510	54.200	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	99825	54.485	ug/L	99
71) Naphthalene	13.780	128	359039	51.838	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	100192	52.953	ug/L	100

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

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