

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026052.D
 Acq On : 27 Dec 2021 11:30
 Operator : JC/MD
 Sample : M5150-24MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBBY0MSD

Quant Time: Dec 28 01:12:33 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	213738	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	203348	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	108709	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	92222	60.845	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 121.680%	
7) Chloroethane-d5	1.666	69	68947	56.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 113.840%	
11) 1,1-Dichloroethene-d2	2.312	63	175858	58.549	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 117.100%	
21) 2-Butanone-d5	4.458	46	129780	98.760	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 98.760%	
24) Chloroform-d	5.062	84	153883	50.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.460%	
26) 1,2-Dichloroethane-d4	5.958	65	108201	52.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.380%	
32) Benzene-d6	5.976	84	321812	54.982	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.960%	
36) 1,2-Dichloropropane-d6	7.312	67	100357	55.160	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.320%	
41) Toluene-d8	8.653	98	301581	55.185	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.380%	
43) trans-1,3-Dichloroprop...	8.951	79	46963	59.329	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 118.660%	
47) 2-Hexanone-d5	9.384	63	105847	112.725	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 112.720%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	144813	53.979	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 107.960%	
66) 1,2-Dichlorobenzene-d4	12.323	152	111992	54.517	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	108980	51.015	ug/L	99
3) Chloromethane	1.294	50	102200	51.541	ug/L	100
5) Vinyl chloride	1.374	62	130792	66.457	ug/L	99
6) Bromomethane	1.605	94	61384	54.621	ug/L	99
8) Chloroethane	1.691	64	59924	50.427	ug/L	98
9) Trichlorofluoromethane	1.892	101	155240	52.126	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	80136	52.182	ug/L	94
12) 1,1-Dichloroethene	2.325	96	94639	65.889	ug/L	92
13) Acetone	2.379	43	97719	136.020	ug/L	96
14) Carbon disulfide	2.514	76	196826	49.616	ug/L	100
15) Methyl Acetate	2.703	43	98614	49.806	ug/L #	91
16) Methylene chloride	2.794	84	82805	49.585	ug/L	94
17) trans-1,2-Dichloroethene	3.099	96	84251	55.084	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	260770	52.483	ug/L	97
19) 1,1-Dichloroethane	3.617	63	146921	50.933	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	639506	374.643	ug/L	89
22) 2-Butanone	4.556	43	149365	111.663	ug/L	95
23) Bromochloromethane	4.903	128	44513	52.272	ug/L #	85
25) Chloroform	5.099	83	165588	55.020	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	124369	50.099	ug/L	95
29) Cyclohexane	5.476	56	140981	52.785	ug/L	94
30) 1,1,1-Trichloroethane	5.391	97	129223	52.189	ug/L	97
31) Carbon tetrachloride	5.684	117	112312	52.337	ug/L	99
33) Benzene	6.043	78	336326	52.086	ug/L	100
34) Trichloroethene	7.135	95	4347375	2632.059	ug/L	88
35) Methylcyclohexane	7.385	83	135035	51.653	ug/L	94
37) 1,2-Dichloropropane	7.433	63	86407	52.719	ug/L	98
38) Bromodichloromethane	7.824	83	112224	52.246	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	131875	55.993	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	294461	106.863	ug/L	94
42) Toluene	8.720	91	363086	52.801	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	127010	56.827	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	85204	53.821	ug/L	99
46) Tetrachloroethene	9.275	164	68951	54.720	ug/L	98
48) 2-Hexanone	9.433	43	227987	108.782	ug/L	96
49) Dibromochloromethane	9.525	129	86400	52.844	ug/L	97
50) 1,2-Dibromoethane	9.610	107	88460	52.324	ug/L	97
51) Chlorobenzene	10.079	112	228119	52.702	ug/L	96
52) Ethylbenzene	10.195	91	399739	53.598	ug/L	95
53) m,p-Xylene	10.305	106	151757	53.305	ug/L	92
54) o-Xylene	10.640	106	150058	53.212	ug/L	87
55) Styrene	10.658	104	258301	54.258	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	138942	52.227	ug/L	98
59) Bromoform	10.799	173	58894	52.457	ug/L	99
60) Isopropylbenzene	10.963	105	392441	52.544	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	112480	51.784	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	333794	53.377	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	336243	53.672	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	174334	52.314	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	175888	52.423	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	172730	52.423	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	28899	50.499	ug/L	83
69) 1,3,5-Trichlorobenzene	13.115	180	116015	51.858	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	104063	52.233	ug/L	98
71) Naphthalene	13.774	128	395917	52.568	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	105424	51.240	ug/L	98

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

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