

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039252.D
 Acq On : 16 Dec 2023 00:28
 Operator : JC/MD
 Sample : 05844-14MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH3MS

Quant Time: Dec 16 01:54:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	198181	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	187817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	92837	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65653	42.236	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.480%
7) Chloroethane-d5	1.666	69	51478	44.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.307	65	33427	48.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.980%
21) 2-Butanone-d5	4.453	46	150688	107.094	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.090%
24) Chloroform-d	5.056	84	147758	53.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	5.958	65	99235	55.685	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.380%
32) Benzene-d6	5.977	84	278622	48.068	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.140%
36) 1,2-Dichloropropane-d6	7.306	67	91320	48.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.900%
41) Toluene-d8	8.647	98	246851	46.993	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.980%
43) trans-1,3-Dichloroprop...	8.946	79	42965	45.261	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.520%
47) 2-Hexanone-d5	9.385	63	113500	101.872	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.870%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	138688	52.409	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.820%
66) 1,2-Dichlorobenzene-d4	12.317	152	87314	49.758	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	86932	55.004	ug/L	98
3) Chloromethane	1.295	50	84242	50.996	ug/L	99
5) Vinyl chloride	1.374	62	80118	49.210	ug/L	97
6) Bromomethane	1.605	94	45085	51.304	ug/L	98
8) Chloroethane	1.691	64	45870	49.835	ug/L	97
9) Trichlorofluoromethane	1.886	101	115739	54.851	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	74146	54.628	ug/L	97
12) 1,1-Dichloroethene	2.319	96	69007	54.051	ug/L	95
13) Acetone	2.374	43	131405	97.213	ug/L	96
14) Carbon disulfide	2.514	76	202750	49.906	ug/L	100
15) Methyl Acetate	2.703	43	89752	46.454	ug/L	98
16) Methylene chloride	2.788	84	78231	53.333	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	71326	53.023	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	257927	55.085	ug/L	97
19) 1,1-Dichloroethane	3.611	63	144500	54.327	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	82393	52.807	ug/L	96
22) 2-Butanone	4.550	43	213765	128.859	ug/L	100
23) Bromochloromethane	4.904	128	38330	52.260	ug/L	97
25) Chloroform	5.093	83	148309	55.903	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039252.D
 Acq On : 16 Dec 2023 00:28
 Operator : JC/MD
 Sample : 05844-14MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH3MS

Quant Time: Dec 16 01:54:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	126063	60.205	ug/L	95
29) Cyclohexane	5.471	56	131981	50.234	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	123434	54.166	ug/L	98
31) Carbon tetrachloride	5.678	117	100275	52.741	ug/L	100
33) Benzene	6.038	78	306268	51.313	ug/L	100
34) Trichloroethene	7.123	95	81709	51.801	ug/L	96
35) Methylcyclohexane	7.379	83	127172	48.409	ug/L	96
37) 1,2-Dichloropropane	7.428	63	85303	51.532	ug/L	99
38) Bromodichloromethane	7.824	83	107110	53.199	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	130505	49.431	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	290199	104.603	ug/L	98
42) Toluene	8.720	91	326421	51.573	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	124522	50.825	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	79311	52.282	ug/L	97
46) Tetrachloroethene	9.275	164	53391	51.311	ug/L	97
48) 2-Hexanone	9.427	43	229190	98.704	ug/L	97
49) Dibromochloromethane	9.519	129	77427	52.391	ug/L	98
50) 1,2-Dibromoethane	9.610	107	84344	51.897	ug/L	100
51) Chlorobenzene	10.080	112	201661	51.581	ug/L	98
52) Ethylbenzene	10.195	91	368102	52.022	ug/L	100
53) m,p-Xylene	10.299	106	134266	50.751	ug/L	98
54) o-Xylene	10.640	106	129040	50.832	ug/L	95
55) Styrene	10.653	104	224184	51.612	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.214	83	138659	52.375	ug/L	99
59) Bromoform	10.799	173	53790	49.299	ug/L	98
60) Isopropylbenzene	10.964	105	357973	52.770	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	107416	52.818	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	301932	52.720	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	297731	53.017	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	147905	50.939	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	147899	50.267	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	143574	51.692	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	33613	52.959	ug/L	93
69) 1,3,5-Trichlorobenzene	13.110	180	96444	50.226	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	90330	49.900	ug/L	97
71) Naphthalene	13.774	128	314463	50.653	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	87298	49.806	ug/L	99

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

