

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039276.D
 Acq On : 16 Dec 2023 09:37
 Operator : JC/MD
 Sample : 05845-15MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE9MSD

Quant Time: Dec 16 20:17:18 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	205058	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	190230	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	96399	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	76071	47.297	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.600%
7) Chloroethane-d5	1.666	69	55873	46.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.306	65	37659	53.340	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.680%
21) 2-Butanone-d5	4.452	46	144917	99.539	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.540%
24) Chloroform-d	5.056	84	155218	54.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.040%
26) 1,2-Dichloroethane-d4	5.952	65	102670	55.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.360%
32) Benzene-d6	5.976	84	301848	51.414	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.820%
36) 1,2-Dichloropropane-d6	7.305	67	96039	50.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.660%
41) Toluene-d8	8.647	98	274442	51.583	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.160%
43) trans-1,3-Dichloroprop...	8.951	79	46004	47.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.700%
47) 2-Hexanone-d5	9.384	63	109441	96.983	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.980%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	139181	51.929	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.860%
66) 1,2-Dichlorobenzene-d4	12.317	152	93069	51.077	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90394	55.277	ug/L	100
3) Chloromethane	1.294	50	91588	53.584	ug/L	98
5) Vinyl chloride	1.374	62	86905	51.588	ug/L	99
6) Bromomethane	1.605	94	50693	55.751	ug/L	99
8) Chloroethane	1.691	64	50008	52.509	ug/L	96
9) Trichlorofluoromethane	1.892	101	122264	56.001	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	76591	54.537	ug/L	99
12) 1,1-Dichloroethene	2.319	96	74409	56.327	ug/L	96
13) Acetone	2.373	43	473921	338.847	ug/L	96
14) Carbon disulfide	2.514	76	215234	51.202	ug/L	99
15) Methyl Acetate	2.696	43	82557	41.297	ug/L	100
16) Methylene chloride	2.788	84	84004	55.348	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	75126	53.975	ug/L	91
18) Methyl tert-butyl Ether	3.111	73	274526	56.664	ug/L	97
19) 1,1-Dichloroethane	3.611	63	153680	55.841	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	87354	54.109	ug/L	96
22) 2-Butanone	4.550	43	228714	133.246	ug/L	99
23) Bromochloromethane	4.897	128	41694	54.940	ug/L	97
25) Chloroform	5.092	83	155558	56.669	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	133408	61.576	ug/L #	95
29) Cyclohexane	5.476	56	139971	52.599	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	130237	56.426	ug/L	97
31) Carbon tetrachloride	5.678	117	108845	56.523	ug/L	100
33) Benzene	6.037	78	327630	54.195	ug/L	100
34) Trichloroethene	7.123	95	86950	54.424	ug/L	97
35) Methylcyclohexane	7.379	83	132838	49.924	ug/L	97
37) 1,2-Dichloropropane	7.427	63	89149	53.172	ug/L	99
38) Bromodichloromethane	7.818	83	115583	56.679	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	135122	50.531	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	309055	109.986	ug/L	97
42) Toluene	8.720	91	347609	54.224	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	129619	52.234	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	84672	55.108	ug/L	98
46) Tetrachloroethene	9.275	164	56200	53.325	ug/L	97
48) 2-Hexanone	9.427	43	244107	103.795	ug/L	98
49) Dibromochloromethane	9.518	129	81957	54.753	ug/L	99
50) 1,2-Dibromoethane	9.610	107	91050	55.313	ug/L	98
51) Chlorobenzene	10.079	112	213610	53.944	ug/L	96
52) Ethylbenzene	10.195	91	394240	55.009	ug/L	99
53) m,p-Xylene	10.299	106	143901	53.703	ug/L	98
54) o-Xylene	10.640	106	138979	54.052	ug/L	98
55) Styrene	10.652	104	242796	55.188	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	148861	55.515	ug/L	99
59) Bromoform	10.799	173	56506	49.875	ug/L	99
60) Isopropylbenzene	10.963	105	383599	54.458	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	116508	55.172	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	326529	54.908	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	317422	54.435	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	161485	53.561	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	160984	52.693	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	155387	53.878	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	36028	54.666	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	101741	51.027	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	96533	51.357	ug/L	99
71) Naphthalene	13.774	128	343328	53.259	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	95215	52.315	ug/L	99

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

