

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039275.D
 Acq On : 16 Dec 2023 09:14
 Operator : JC/MD
 Sample : 05845-14MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE9MS

Quant Time: Dec 16 20:17:00 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	196890	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	184141	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	92828	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74753	48.406	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.820%
7) Chloroethane-d5	1.666	69	55586	48.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.307	65	36801	54.288	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.580%
21) 2-Butanone-d5	4.446	46	138273	98.915	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.920%
24) Chloroform-d	5.056	84	152494	55.782	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.560%
26) 1,2-Dichloroethane-d4	5.952	65	100270	56.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.260%
32) Benzene-d6	5.977	84	296158	52.113	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.220%
36) 1,2-Dichloropropane-d6	7.306	67	94875	51.876	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.760%
41) Toluene-d8	8.647	98	267376	51.917	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.840%
43) trans-1,3-Dichloroprop...	8.952	79	44885	48.227	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.460%
47) 2-Hexanone-d5	9.385	63	102814	94.123	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.120%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	135333	52.162	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.320%
66) 1,2-Dichlorobenzene-d4	12.317	152	91060	51.897	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84685	53.934	ug/L	98
3) Chloromethane	1.295	50	82822	50.466	ug/L	99
5) Vinyl chloride	1.374	62	78771	48.700	ug/L	100
6) Bromomethane	1.605	94	44424	50.883	ug/L	96
8) Chloroethane	1.691	64	45237	49.470	ug/L	97
9) Trichlorofluoromethane	1.886	101	111701	53.285	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	71308	52.882	ug/L	97
12) 1,1-Dichloroethene	2.319	96	66933	52.770	ug/L	92
13) Acetone	2.374	43	450554	335.504	ug/L	96
14) Carbon disulfide	2.514	76	193932	48.048	ug/L	100
15) Methyl Acetate	2.703	43	74378	38.749	ug/L	99
16) Methylene chloride	2.788	84	77142	52.935	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	69637	52.107	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	248980	53.523	ug/L	98
19) 1,1-Dichloroethane	3.611	63	139549	52.810	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	80145	51.703	ug/L	97
22) 2-Butanone	4.550	43	210939	127.989	ug/L	97
23) Bromochloromethane	4.898	128	37272	51.151	ug/L	96
25) Chloroform	5.093	83	143319	54.376	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	120187	57.775	ug/L	95
29) Cyclohexane	5.471	56	130358	50.607	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	118331	52.963	ug/L	97
31) Carbon tetrachloride	5.678	117	97634	52.377	ug/L	99
33) Benzene	6.038	78	301265	51.482	ug/L	100
34) Trichloroethene	7.123	95	80580	52.105	ug/L	94
35) Methylcyclohexane	7.379	83	121662	47.236	ug/L	96
37) 1,2-Dichloropropane	7.428	63	82928	51.097	ug/L	100
38) Bromodichloromethane	7.818	83	103803	52.586	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	122138	47.186	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	277488	102.018	ug/L	98
42) Toluene	8.714	91	313718	50.555	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	116250	48.396	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	76685	51.560	ug/L	97
46) Tetrachloroethene	9.275	164	50851	49.845	ug/L	97
48) 2-Hexanone	9.427	43	217183	95.400	ug/L	98
49) Dibromochloromethane	9.519	129	74197	51.208	ug/L	99
50) 1,2-Dibromoethane	9.610	107	82420	51.726	ug/L	99
51) Chlorobenzene	10.080	112	196364	51.229	ug/L	98
52) Ethylbenzene	10.195	91	358515	51.679	ug/L	100
53) m,p-Xylene	10.299	106	130057	50.141	ug/L	96
54) o-Xylene	10.640	106	125682	50.497	ug/L	93
55) Styrene	10.653	104	220450	51.766	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.207	83	135195	52.086	ug/L	98
59) Bromoform	10.799	173	51111	46.849	ug/L	98
60) Isopropylbenzene	10.964	105	346631	51.103	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	103958	51.123	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	291564	50.914	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	289950	51.637	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	145550	50.133	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	146323	49.736	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	142710	51.386	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	32116	50.605	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	92871	48.370	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	87942	48.586	ug/L	99
71) Naphthalene	13.774	128	309207	49.811	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	87760	50.074	ug/L	99

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

