

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070424\
 Data File : VX042178.D
 Acq On : 03 Jul 2024 21:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV611

Quant Time: Jul 04 05:04:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 04:57:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	282792	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	266088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142196	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	77580	47.132	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.260%
7) Chloroethane-d5	1.648	69	47999	46.314	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.620%
11) 1,1-Dichloroethene-d2	2.294	65	34202	47.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.960%
21) 2-Butanone-d5	4.464	46	116812	98.476	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.480%
24) Chloroform-d	5.062	84	157052	47.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.900%
26) 1,2-Dichloroethane-d4	5.958	65	92766	47.488	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
32) Benzene-d6	5.970	84	323686	47.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
36) 1,2-Dichloropropane-d6	7.305	67	97655	47.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.360%
41) Toluene-d8	8.646	98	304011	47.433	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.860%
43) trans-1,3-Dichloroprop...	8.951	79	43089	48.168	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.340%
47) 2-Hexanone-d5	9.384	63	93888	99.932	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.930%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	147360	48.157	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.320%
66) 1,2-Dichlorobenzene-d4	12.323	152	131527	47.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	99427	49.154	ug/L	99
3) Chloromethane	1.300	50	102118	49.957	ug/L	99
5) Vinyl chloride	1.373	62	99798	49.637	ug/L	98
6) Bromomethane	1.599	94	55467	50.630	ug/L	98
8) Chloroethane	1.666	64	52488	52.376	ug/L	98
9) Trichlorofluoromethane	1.873	101	126919	48.504	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	89119	49.420	ug/L	99
12) 1,1-Dichloroethene	2.306	96	85313	49.946	ug/L	97
13) Acetone	2.392	43	80819	99.875	ug/L	98
14) Carbon disulfide	2.501	76	216678	50.990	ug/L	98
15) Methyl Acetate	2.709	43	103570	50.374	ug/L	100
16) Methylene chloride	2.788	84	100778	47.821	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	87343	49.716	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	288156	50.157	ug/L	100
19) 1,1-Dichloroethane	3.605	63	158124	50.122	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	101826	49.335	ug/L	98
22) 2-Butanone	4.568	43	138642	102.354	ug/L	98
23) Bromochloromethane	4.903	128	55837	50.621	ug/L	96
25) Chloroform	5.092	83	165599	50.063	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	123321	50.307	ug/L	99
29) Cyclohexane	5.464	56	143430	49.876	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	141601	48.879	ug/L	100
31) Carbon tetrachloride	5.671	117	125746	49.693	ug/L	100
33) Benzene	6.037	78	363841	48.897	ug/L	100
34) Trichloroethene	7.122	95	95925	49.215	ug/L	98
35) Methylcyclohexane	7.378	83	147786	50.006	ug/L	99
37) 1,2-Dichloropropane	7.427	63	94496	49.495	ug/L	99
38) Bromodichloromethane	7.823	83	116981	50.036	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	144743	51.488	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	278344	102.213	ug/L	99
42) Toluene	8.720	91	395158	49.770	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	127802	50.706	ug/L	99
45) 1,1,2-Trichloroethane	9.152	97	101501	49.687	ug/L	97
46) Tetrachloroethene	9.274	164	89258	48.924	ug/L	99
48) 2-Hexanone	9.433	43	215759	100.892	ug/L	99
49) Dibromochloromethane	9.518	129	106183	51.037	ug/L	99
50) 1,2-Dibromoethane	9.610	107	109799	50.046	ug/L	98
51) Chlorobenzene	10.079	112	268182	49.206	ug/L	99
52) Ethylbenzene	10.195	91	433694	50.265	ug/L	99
53) m,p-Xylene	10.299	106	175818	50.626	ug/L	100
54) o-Xylene	10.640	106	175279	50.527	ug/L	99
55) Styrene	10.652	104	297941	51.544	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	163040	49.726	ug/L	99
59) Bromoform	10.799	173	91743	51.472	ug/L	99
60) Isopropylbenzene	10.963	105	452681	50.847	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	124341	49.244	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	346402	51.169	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	376389	51.879	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	225934	50.603	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	228023	50.488	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	230050	50.054	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.938	75	33178	51.330	ug/L	84
69) 1,3,5-Trichlorobenzene	13.109	180	165001	50.863	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	149962	50.824	ug/L	99
71) Naphthalene	13.774	128	472872	51.842	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	159487	51.152	ug/L	99

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

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