

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040606.D
 Acq On : 06 Mar 2024 16:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV667

Quant Time: Mar 07 01:38:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:31:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	153456	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	148805	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77554	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62839	46.714	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.420%
7) Chloroethane-d5	1.666	69	46937	43.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.420%
11) 1,1-Dichloroethene-d2	2.306	65	30447	49.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.340%
21) 2-Butanone-d5	4.452	46	109105	105.696	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.700%
24) Chloroform-d	5.056	84	131250	52.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.080%
26) 1,2-Dichloroethane-d4	5.958	65	92911	49.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.640%
32) Benzene-d6	5.976	84	233328	51.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.220%
36) 1,2-Dichloropropane-d6	7.306	67	71112	50.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.520%
41) Toluene-d8	8.647	98	217063	49.337	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.680%
43) trans-1,3-Dichloroprop...	8.952	79	38811	51.538	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.080%
47) 2-Hexanone-d5	9.384	63	82546	105.732	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.730%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	108542	51.237	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	12.317	152	81079	49.915	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73408	53.595	ug/L	98
3) Chloromethane	1.300	50	59809	50.232	ug/L	99
5) Vinyl chloride	1.374	62	61316	47.601	ug/L	99
6) Bromomethane	1.605	94	38381	56.123	ug/L	96
8) Chloroethane	1.685	64	34435	46.622	ug/L	95
9) Trichlorofluoromethane	1.886	101	94631	52.797	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	54982	51.716	ug/L	99
12) 1,1-Dichloroethene	2.319	96	48919	52.298	ug/L	97
13) Acetone	2.380	43	72507	98.363	ug/L	98
14) Carbon disulfide	2.514	76	142662	52.709	ug/L	100
15) Methyl Acetate	2.703	43	64189	51.581	ug/L	99
16) Methylene chloride	2.788	84	52221	50.695	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	49707	51.763	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	175726	52.914	ug/L	99
19) 1,1-Dichloroethane	3.611	63	99113	53.120	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	56015	52.021	ug/L	98
22) 2-Butanone	4.556	43	100197	102.652	ug/L	99
23) Bromochloromethane	4.897	128	28104	51.174	ug/L	98
25) Chloroform	5.092	83	109527	52.019	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	98032	52.980	ug/L	96
29) Cyclohexane	5.470	56	86876	53.131	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	97688	52.710	ug/L	98
31) Carbon tetrachloride	5.678	117	81067	52.119	ug/L	98
33) Benzene	6.037	78	208611	52.187	ug/L	100
34) Trichloroethene	7.123	95	60628	51.377	ug/L	97
35) Methylcyclohexane	7.379	83	87550	50.768	ug/L	98
37) 1,2-Dichloropropane	7.427	63	55161	52.123	ug/L	99
38) Bromodichloromethane	7.824	83	81065	51.791	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	93058	52.229	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	189590	104.501	ug/L	99
42) Toluene	8.720	91	229251	52.276	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	91447	52.694	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	54368	49.767	ug/L	99
46) Tetrachloroethene	9.275	164	42771	50.480	ug/L	97
48) 2-Hexanone	9.427	43	152720	101.587	ug/L	99
49) Dibromochloromethane	9.519	129	59430	52.064	ug/L	100
50) 1,2-Dibromoethane	9.610	107	61483	52.334	ug/L	94
51) Chlorobenzene	10.079	112	146316	51.498	ug/L	98
52) Ethylbenzene	10.195	91	266217	51.658	ug/L	98
53) m,p-Xylene	10.299	106	97887	52.248	ug/L	90
54) o-Xylene	10.640	106	94730	52.674	ug/L	98
55) Styrene	10.652	104	164297	52.427	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	92548	51.398	ug/L	99
59) Bromoform	10.799	173	45773	50.886	ug/L	97
60) Isopropylbenzene	10.963	105	265171	50.928	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	76693	49.625	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	224595	52.027	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	224308	51.963	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	115684	50.749	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	117268	50.586	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	112509	51.905	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	25048	55.365	ug/L	89
69) 1,3,5-Trichlorobenzene	13.109	180	82687	54.039	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	76386	53.831	ug/L	100
71) Naphthalene	13.774	128	234299	51.948	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	75667	54.132	ug/L	98

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

