

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041441.D
 Acq On : 09 May 2024 17:52
 Operator : JC/MD
 Sample : P2374-05MS 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E0Y34MS

Quant Time: May 09 23:41:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 23:24:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	262691	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	247336	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	137863	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	68391	45.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.800%
7) Chloroethane-d5	1.648	69	54338	49.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.420%
11) 1,1-Dichloroethene-d2	2.294	65	38072	50.773	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.540%
21) 2-Butanone-d5	4.465	46	132977	119.720	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.720%
24) Chloroform-d	5.056	84	173466	52.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.300%
26) 1,2-Dichloroethane-d4	5.952	65	113458	47.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
32) Benzene-d6	5.970	84	329390	48.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.500%
36) 1,2-Dichloropropane-d6	7.306	67	97970	48.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.600%
41) Toluene-d8	8.647	98	308729	44.238	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.480%
43) trans-1,3-Dichloroprop...	8.952	79	48000	47.721	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.440%
47) 2-Hexanone-d5	9.384	63	100586	107.515	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.520%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	157855	49.961	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.920%
66) 1,2-Dichlorobenzene-d4	12.317	152	143291	50.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	87192	48.209	ug/L	100
3) Chloromethane	1.301	50	75677	49.061	ug/L	100
5) Vinyl chloride	1.374	62	78363	49.322	ug/L	98
6) Bromomethane	1.599	94	53405	48.225	ug/L	100
8) Chloroethane	1.666	64	47565	52.285	ug/L	100
9) Trichlorofluoromethane	1.868	101	138707	49.584	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	89884	52.312	ug/L	99
12) 1,1-Dichloroethene	2.306	96	80367	52.657	ug/L	98
13) Acetone	2.392	43	94532	82.895	ug/L	99
14) Carbon disulfide	2.502	76	186780	50.771	ug/L	100
15) Methyl Acetate	2.709	43	102796	53.411	ug/L	99
16) Methylene chloride	2.788	84	90369	53.350	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	81221	51.784	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	283084	52.899	ug/L	99
19) 1,1-Dichloroethane	3.605	63	154623	53.238	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	95396	52.688	ug/L	98
22) 2-Butanone	4.568	43	142405	100.008	ug/L	99
23) Bromochloromethane	4.897	128	51155	53.091	ug/L	99
25) Chloroform	5.093	83	165299	52.708	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	139195	53.264	ug/L	98
29) Cyclohexane	5.464	56	136076	49.478	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	145424	49.952	ug/L	99
31) Carbon tetrachloride	5.672	117	127364	49.281	ug/L	99
33) Benzene	6.037	78	339829	49.104	ug/L	100
34) Trichloroethene	7.123	95	91812	48.433	ug/L	97
35) Methylcyclohexane	7.373	83	140027	47.670	ug/L	98
37) 1,2-Dichloropropane	7.427	63	88286	50.660	ug/L	100
38) Bromodichloromethane	7.818	83	100150	42.516	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	119308	41.340	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	284337	101.381	ug/L	99
42) Toluene	8.714	91	368595	48.807	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	131452	48.844	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	94328	48.949	ug/L	99
46) Tetrachloroethene	9.269	164	85015	46.861	ug/L	98
48) 2-Hexanone	9.433	43	227012	101.032	ug/L	99
49) Dibromochloromethane	9.519	129	99215	50.931	ug/L	99
50) 1,2-Dibromoethane	9.610	107	102945	51.344	ug/L	100
51) Chlorobenzene	10.079	112	254552	50.544	ug/L	97
52) Ethylbenzene	10.195	91	417485	50.383	ug/L	98
53) m,p-Xylene	10.299	106	166819	50.330	ug/L	99
54) o-Xylene	10.640	106	167157	49.490	ug/L	98
55) Styrene	10.653	104	279520	49.554	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	156192	48.848	ug/L	99
59) Bromoform	10.799	173	84364	52.292	ug/L	100
60) Isopropylbenzene	10.963	105	437311	51.990	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	122289	51.890	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	292667	51.499	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	363448	52.785	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	218966	51.169	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	221364	50.818	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	223940	50.535	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	34492	54.391	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	152713	47.813	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	127941	43.866	ug/L	99
71) Naphthalene	13.774	128	400074	45.957	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	134593	44.257	ug/L	99

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

