

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041430.D
 Acq On : 09 May 2024 12:14
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV605

Quant Time: May 09 23:33:59 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	283156	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	263180	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	149150	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	80643	50.216	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.440%
7) Chloroethane-d5	1.648	69	59257	50.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.580%
11) 1,1-Dichloroethene-d2	2.294	65	38657	47.827	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.660%
21) 2-Butanone-d5	4.464	46	132718	110.851	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.850%
24) Chloroform-d	5.050	84	182436	51.373	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.740%
26) 1,2-Dichloroethane-d4	5.952	65	125910	49.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.580%
32) Benzene-d6	5.970	84	374922	52.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.300%
36) 1,2-Dichloropropane-d6	7.305	67	108798	50.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.860%
41) Toluene-d8	8.646	98	358172	48.233	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.460%
43) trans-1,3-Dichloroprop...	8.951	79	54616	51.030	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.060%
47) 2-Hexanone-d5	9.384	63	102444	102.909	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.910%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	147978	44.015	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.040%
66) 1,2-Dichlorobenzene-d4	12.317	152	162101	53.190	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	104040	53.367	ug/L	100
3) Chloromethane	1.300	50	86629	52.102	ug/L	97
5) Vinyl chloride	1.373	62	90594	52.899	ug/L	99
6) Bromomethane	1.599	94	62285	52.179	ug/L	100
8) Chloroethane	1.666	64	51101	52.112	ug/L	98
9) Trichlorofluoromethane	1.867	101	172026	57.051	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	94047	50.779	ug/L	99
12) 1,1-Dichloroethene	2.306	96	81166	49.337	ug/L	93
13) Acetone	2.391	43	110592	89.969	ug/L	100
14) Carbon disulfide	2.501	76	205617	51.852	ug/L	100
15) Methyl Acetate	2.708	43	115806	55.822	ug/L	99
16) Methylene chloride	2.788	84	102837	56.322	ug/L	98
17) trans-1,2-Dichloroethene	3.086	96	97760	57.824	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	328764	56.995	ug/L	99
19) 1,1-Dichloroethane	3.605	63	179534	57.348	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	111020	56.886	ug/L	98
22) 2-Butanone	4.568	43	168321	109.664	ug/L	97
23) Bromochloromethane	4.897	128	54722	52.688	ug/L	100
25) Chloroform	5.092	83	183149	54.178	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	155766	55.297	ug/L	97
29) Cyclohexane	5.464	56	165329	56.496	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	170677	55.097	ug/L	100
31) Carbon tetrachloride	5.671	117	150894	54.870	ug/L	98
33) Benzene	6.031	78	394876	53.623	ug/L	100
34) Trichloroethene	7.116	95	98693	48.928	ug/L	94
35) Methylcyclohexane	7.372	83	176810	56.569	ug/L	100
37) 1,2-Dichloropropane	7.427	63	102496	55.273	ug/L	100
38) Bromodichloromethane	7.817	83	134133	53.514	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	164910	53.701	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	304572	102.058	ug/L	100
42) Toluene	8.713	91	428956	53.381	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	155847	54.422	ug/L	99
45) 1,1,2-Trichloroethane	9.152	97	96739	47.178	ug/L	98
46) Tetrachloroethene	9.274	164	98463	51.007	ug/L	95
48) 2-Hexanone	9.433	43	258372	108.067	ug/L	99
49) Dibromochloromethane	9.518	129	115785	55.859	ug/L	99
50) 1,2-Dibromoethane	9.610	107	118831	55.699	ug/L	99
51) Chlorobenzene	10.079	112	295390	55.122	ug/L	98
52) Ethylbenzene	10.195	91	490314	55.610	ug/L	99
53) m,p-Xylene	10.299	106	195407	55.405	ug/L	99
54) o-Xylene	10.640	106	192953	53.688	ug/L	97
55) Styrene	10.652	104	325956	54.308	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	155350	45.660	ug/L	100
59) Bromoform	10.798	173	98240	56.285	ug/L	99
60) Isopropylbenzene	10.963	105	464929	51.090	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	119444	46.847	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	347407	56.505	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	430208	57.752	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	257966	55.720	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	263746	55.966	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	260751	54.390	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.944	75	39185	57.115	ug/L	92
69) 1,3,5-Trichlorobenzene	13.109	180	204025	59.045	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	182724	57.908	ug/L	99
71) Naphthalene	13.774	128	555635	58.996	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	191558	58.222	ug/L	98

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

