

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112221\
 Data File : VX025254.D
 Acq On : 22 Nov 2021 14:29
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV642

Quant Time: Nov 23 01:22:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 23 01:15:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	178338	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	162743	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	84566	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58347	47.940	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.880%
7) Chloroethane-d5	1.660	69	48847	48.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.260%
11) 1,1-Dichloroethene-d2	2.307	63	93200	48.027	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.060%
21) 2-Butanone-d5	4.453	46	91783	101.307	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.310%
24) Chloroform-d	5.062	84	105051	49.387	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.780%
26) 1,2-Dichloroethane-d4	5.958	65	63386	47.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.620%
32) Benzene-d6	5.977	84	210986	48.916	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.840%
36) 1,2-Dichloropropane-d6	7.312	67	64665	48.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.840%
41) Toluene-d8	8.653	98	198538	48.767	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.540%
43) trans-1,3-Dichloroprop...	8.952	79	33385	49.725	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.440%
47) 2-Hexanone-d5	9.385	63	71062	102.227	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.230%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	93533	49.559	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.120%
66) 1,2-Dichlorobenzene-d4	12.323	152	82132	49.518	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	51706	49.407	ug/L	99
3) Chloromethane	1.295	50	53468	49.500	ug/L	94
5) Vinyl chloride	1.374	62	62281	49.389	ug/L	100
6) Bromomethane	1.599	94	38591	58.499	ug/L	100
8) Chloroethane	1.685	64	39847	47.434	ug/L	99
9) Trichlorofluoromethane	1.886	101	97099	49.343	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	51877	50.199	ug/L	99
12) 1,1-Dichloroethene	2.319	96	47215	49.303	ug/L	95
13) Acetone	2.380	43	79149	106.246	ug/L	100
14) Carbon disulfide	2.508	76	117225	49.783	ug/L	99
15) Methyl Acetate	2.703	43	61263	50.885	ug/L	# 90
16) Methylene chloride	2.788	84	55093	49.740	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	50854	49.324	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	172043	49.096	ug/L	99
19) 1,1-Dichloroethane	3.611	63	91268	49.431	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	60102	49.468	ug/L	96
22) 2-Butanone	4.556	43	101769	103.296	ug/L	100
23) Bromochloromethane	4.904	128	31612	49.250	ug/L	96
25) Chloroform	5.093	83	98339	48.941	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	72942	49.910	ug/L	98
29) Cyclohexane	5.477	56	81832	49.081	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	88624	49.331	ug/L	100
31) Carbon tetrachloride	5.678	117	78998	49.242	ug/L	99
33) Benzene	6.038	78	216612	49.823	ug/L	100
34) Trichloroethene	7.129	95	56581	49.480	ug/L	99
35) Methylcyclohexane	7.385	83	90834	50.469	ug/L	100
37) 1,2-Dichloropropane	7.434	63	55038	50.470	ug/L	100
38) Bromodichloromethane	7.824	83	75293	49.580	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	88298	49.713	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	177309	101.825	ug/L	99
42) Toluene	8.720	91	239212	49.891	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	87111	51.029	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	57668	49.832	ug/L	98
46) Tetrachloroethene	9.275	164	49044	50.572	ug/L	97
48) 2-Hexanone	9.433	43	145976	104.376	ug/L	100
49) Dibromochloromethane	9.525	129	67014	50.243	ug/L	95
50) 1,2-Dibromoethane	9.610	107	62296	50.508	ug/L	99
51) Chlorobenzene	10.080	112	159705	50.496	ug/L	98
52) Ethylbenzene	10.195	91	260932	50.637	ug/L	99
53) m,p-Xylene	10.305	106	106686	51.112	ug/L	97
54) o-Xylene	10.640	106	103050	49.320	ug/L	94
55) Styrene	10.659	104	177220	51.045	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	90938	50.890	ug/L	97
59) Bromoform	10.799	173	51028	48.904	ug/L	99
60) Isopropylbenzene	10.964	105	271269	49.913	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	71841	49.661	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	229618	50.514	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	231508	50.406	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	128430	51.463	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	127667	50.646	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	126043	49.949	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	19766	49.163	ug/L	95
69) 1,3,5-Trichlorobenzene	13.116	180	94276	51.930	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	83811	54.921	ug/L	97
71) Naphthalene	13.780	128	283945	54.895	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	82872	53.011	ug/L	99

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

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