

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033568.D
 Acq On : 27 Dec 2022 16:07
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV612

Quant Time: Dec 28 02:05:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 28 01:59:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	191007	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	176125	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93625	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	51220	54.772	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.540%
7) Chloroethane-d5	1.672	69	44354	50.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.720%
11) 1,1-Dichloroethene-d2	2.306	63	89369	45.390	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.780%
21) 2-Butanone-d5	4.465	46	72400	103.767	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.770%
24) Chloroform-d	5.056	84	132924	53.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.900%
26) 1,2-Dichloroethane-d4	5.952	65	82204	52.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.120%
32) Benzene-d6	5.970	84	251302	52.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.540%
36) 1,2-Dichloropropane-d6	7.306	67	73551	51.828	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.660%
41) Toluene-d8	8.647	98	248686	52.374	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.740%
43) trans-1,3-Dichloroprop...	8.952	79	37637	54.120	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.240%
47) 2-Hexanone-d5	9.384	63	59001	109.084	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.080%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	103278	52.596	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	99117	53.356	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75505	56.693	ug/L	98
3) Chloromethane	1.294	50	55290	55.319	ug/L	97
5) Vinyl chloride	1.374	62	60081	54.621	ug/L	99
6) Bromomethane	1.617	94	37414	54.122	ug/L	95
8) Chloroethane	1.691	64	40490	53.213	ug/L	98
9) Trichlorofluoromethane	1.892	101	93631	56.291	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	52717	48.627	ug/L	99
12) 1,1-Dichloroethene	2.319	96	46938	47.532	ug/L	92
13) Acetone	2.392	43	53354	105.811	ug/L	100
14) Carbon disulfide	2.514	76	136012	44.362	ug/L	99
15) Methyl Acetate	2.703	43	47583	51.471	ug/L	99
16) Methylene chloride	2.788	84	60697	56.254	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	63504	56.915	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	192146	58.149	ug/L	100
19) 1,1-Dichloroethane	3.611	63	107910	53.984	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	70795	54.566	ug/L	100
22) 2-Butanone	4.556	43	87559	114.567	ug/L	96
23) Bromochloromethane	4.891	128	38025	55.495	ug/L	91
25) Chloroform	5.092	83	125739	54.932	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	99571	55.921	ug/L	99
29) Cyclohexane	5.470	56	104278	55.377	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	118361	54.621	ug/L	100
31) Carbon tetrachloride	5.672	117	108820	54.435	ug/L	99
33) Benzene	6.037	78	263073	54.282	ug/L	100
34) Trichloroethene	7.123	95	74546	55.820	ug/L	97
35) Methylcyclohexane	7.379	83	120548	56.650	ug/L	100
37) 1,2-Dichloropropane	7.427	63	65923	55.745	ug/L	99
38) Bromodichloromethane	7.818	83	99559	54.569	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	106845	56.315	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	158845	110.496	ug/L	99
42) Toluene	8.720	91	305322	56.038	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	104667	57.100	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	69112	54.645	ug/L	98
46) Tetrachloroethene	9.275	164	63179	56.651	ug/L	97
48) 2-Hexanone	9.427	43	131097	118.180	ug/L	98
49) Dibromochloromethane	9.519	129	86737	55.341	ug/L	98
50) 1,2-Dibromoethane	9.610	107	75979	54.997	ug/L	98
51) Chlorobenzene	10.079	112	199411	55.560	ug/L	98
52) Ethylbenzene	10.195	91	338965	56.921	ug/L	99
53) m,p-Xylene	10.299	106	134810	57.146	ug/L	94
54) o-Xylene	10.640	106	131676	56.585	ug/L	99
55) Styrene	10.652	104	224632	57.719	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	104562	55.173	ug/L	99
59) Bromoform	10.799	173	63234	52.715	ug/L	99
60) Isopropylbenzene	10.963	105	352674	55.599	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	78703	52.438	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	300259	56.492	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	296831	56.755	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	160440	56.326	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	158842	54.779	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	157682	55.380	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	22042	51.452	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	113019	56.571	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	100760	56.587	ug/L	99
71) Naphthalene	13.774	128	317602	55.985	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	100997	56.600	ug/L	100

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

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