

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
 Data File : VX043896.D
 Acq On : 19 Nov 2024 12:39
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV647

Quant Time: Nov 19 23:36:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 23:30:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	323833	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	234518	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	127532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	115563	44.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.460%
7) Chloroethane-d5	1.642	69	50859	46.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.360%
11) 1,1-Dichloroethene-d2	2.294	65	45617	43.932	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.860%
21) 2-Butanone-d5	4.458	46	143042	92.134	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.130%
24) Chloroform-d	5.044	84	210520	43.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.940%
26) 1,2-Dichloroethane-d4	5.946	65	136868	43.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.140%
32) Benzene-d6	5.964	84	407302	52.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.340%
36) 1,2-Dichloropropane-d6	7.299	67	125938	53.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.760%
41) Toluene-d8	8.641	98	304655	44.906	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.820%
43) trans-1,3-Dichloroprop...	8.945	79	55783	52.737	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.480%
47) 2-Hexanone-d5	9.384	63	93385	107.009	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.010%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	169981	57.676	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.360%
66) 1,2-Dichlorobenzene-d4	12.317	152	124581	46.021	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	117733	44.309	ug/L	98
3) Chloromethane	1.294	50	120353	44.299	ug/L	95
5) Vinyl chloride	1.374	62	118391	42.857	ug/L	97
6) Bromomethane	1.593	94	44320	38.522	ug/L	97
8) Chloroethane	1.666	64	51242	41.674	ug/L	97
9) Trichlorofluoromethane	1.867	101	157960	42.735	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	96610	43.849	ug/L	99
12) 1,1-Dichloroethene	2.306	96	86221	42.971	ug/L	90
13) Acetone	2.386	43	105963	77.640	ug/L	97
14) Carbon disulfide	2.501	76	182605	42.820	ug/L	98
15) Methyl Acetate	2.703	43	112520	44.072	ug/L	99
16) Methylene chloride	2.782	84	102327	43.494	ug/L	97
17) trans-1,2-Dichloroethene	3.081	96	92743	43.161	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	347056	43.646	ug/L	100
19) 1,1-Dichloroethane	3.599	63	183858	42.948	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	112576	43.095	ug/L	99
22) 2-Butanone	4.556	43	159110	87.477	ug/L	100
23) Bromochloromethane	4.891	128	55568	41.331	ug/L	98
25) Chloroform	5.086	83	198412	42.441	ug/L	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111924WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	157714	42.772	ug/L	100
29) Cyclohexane	5.458	56	160467	52.604	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	166180	51.355	ug/L	99
31) Carbon tetrachloride	5.666	117	136673	52.072	ug/L	99
33) Benzene	6.025	78	394218	50.285	ug/L	100
34) Trichloroethene	7.116	95	107241	49.845	ug/L	97
35) Methylcyclohexane	7.373	83	160892	54.696	ug/L	99
37) 1,2-Dichloropropane	7.427	63	104758	51.488	ug/L	99
38) Bromodichloromethane	7.818	83	127658	50.029	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	160478	50.054	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	294202	105.620	ug/L	95
42) Toluene	8.714	91	356132	45.078	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	139512	48.410	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	96312	48.137	ug/L	98
46) Tetrachloroethene	9.269	164	68515	48.873	ug/L	97
48) 2-Hexanone	9.427	43	212131	100.886	ug/L	95
49) Dibromochloromethane	9.518	129	91936	49.706	ug/L	98
50) 1,2-Dibromoethane	9.604	107	96690	45.878	ug/L	100
51) Chlorobenzene	10.073	112	217173	44.317	ug/L	98
52) Ethylbenzene	10.189	91	382524	45.936	ug/L	100
53) m,p-Xylene	10.299	106	145455	47.030	ug/L	99
54) o-Xylene	10.640	106	157242	50.497	ug/L	99
55) Styrene	10.652	104	259938	50.429	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	169067	56.452	ug/L	98
59) Bromoform	10.799	173	63051	44.123	ug/L	99
60) Isopropylbenzene	10.957	105	436606	43.442	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	132102	45.461	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	371175	46.746	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	371504	46.925	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	188290	44.654	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	186133	44.454	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	194330	44.512	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	32041	44.057	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	114202	41.974	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	109419	43.616	ug/L	99
71) Naphthalene	13.774	128	442533	47.419	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	117460	46.469	ug/L	96

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

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