

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035421.D
 Acq On : 26 Apr 2024 11:38
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV246

Quant Time: Apr 27 00:24:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:18:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	545842	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	539373	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	287667	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	211673	48.254	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.500%
7) Chloroethane-d5	1.532	69	160596	63.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	127.800%
11) 1,1-Dichloroethene-d2	2.056	65	86536	48.266	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.540%
21) 2-Butanone-d5	3.789	46	250809	111.558	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.560%
24) Chloroform-d	4.246	84	358880	48.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.240%
26) 1,2-Dichloroethane-d4	4.937	65	215016	50.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
32) Benzene-d6	4.957	84	720412	50.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.660%
36) 1,2-Dichloropropane-d6	5.985	67	221361	50.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.240%
41) Toluene-d8	7.239	98	661328	51.765	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.520%
43) trans-1,3-Dichloroprop...	7.548	79	106195	51.908	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.820%
47) 2-Hexanone-d5	8.021	63	154522	122.565	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.560%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	322407	51.725	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.440%
66) 1,2-Dichlorobenzene-d4	11.558	152	258649	51.391	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	184896	46.074	ug/L	98
3) Chloromethane	1.214	50	188670	46.331	ug/L	100
5) Vinyl chloride	1.281	62	201174	46.830	ug/L	100
6) Bromomethane	1.487	94	122044	48.508	ug/L	100
8) Chloroethane	1.548	64	126556	66.735	ug/L	100
9) Trichlorofluoromethane	1.712	101	269831	46.505	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	171781	47.256	ug/L	99
12) 1,1-Dichloroethene	2.069	96	150814	46.764	ug/L	96
13) Acetone	2.121	43	242490	90.767	ug/L	98
14) Carbon disulfide	2.240	76	419258	46.802	ug/L	99
15) Methyl Acetate	2.375	43	209437	51.693	ug/L	97
16) Methylene chloride	2.445	84	192395	47.170	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	166204	47.937	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	605054	51.813	ug/L	100
19) 1,1-Dichloroethane	3.108	63	339154	47.255	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	198881	50.988	ug/L	99
22) 2-Butanone	3.867	43	297452	100.643	ug/L	98
23) Bromochloromethane	4.143	128	106480	49.056	ug/L	96
25) Chloroform	4.272	83	351338	47.358	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	262197	48.127	ug/L	100
29) Cyclohexane	4.580	56	249402	50.280	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	291911	47.572	ug/L	99
31) Carbon tetrachloride	4.731	117	250634	46.751	ug/L	99
33) Benzene	5.005	78	719194	49.830	ug/L	100
34) Trichloroethene	5.828	95	191566	48.939	ug/L	98
35) Methylcyclohexane	6.047	83	282676	49.911	ug/L	99
37) 1,2-Dichloropropane	6.088	63	199848	49.598	ug/L	99
38) Bromodichloromethane	6.429	83	265731	48.839	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	317033	53.160	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	545944	113.459	ug/L	99
42) Toluene	7.310	91	765100	50.587	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	293840	51.327	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	206918	49.176	ug/L	99
46) Tetrachloroethene	7.902	164	149464	48.673	ug/L	99
48) 2-Hexanone	8.072	43	466380	114.013	ug/L	99
49) Dibromochloromethane	8.172	129	206919	48.105	ug/L	97
50) 1,2-Dibromoethane	8.278	107	216956	50.682	ug/L	97
51) Chlorobenzene	8.812	112	517872	48.559	ug/L	99
52) Ethylbenzene	8.944	91	840438	50.854	ug/L	99
53) m,p-Xylene	9.069	106	315367	50.422	ug/L	99
54) o-Xylene	9.474	106	317130	51.853	ug/L	98
55) Styrene	9.493	104	557678	52.874	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	343560	50.229	ug/L	100
59) Bromoform	9.661	173	158980	46.551	ug/L	100
60) Isopropylbenzene	9.863	105	847789	51.370	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	270262	50.193	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	691111	51.981	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	700210	53.792	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	427714	50.028	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	436374	48.662	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	436508	50.393	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	73821	60.600	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	323194	53.354	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	295285	61.406	ug/L	98
71) Naphthalene	13.435	128	1027062	97.902	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	313677	66.944	ug/L	99

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

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