

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033443.D
 Acq On : 16 Dec 2023 18:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050367

Quant Time: Dec 16 20:30:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	237101	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	243951	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	133361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84297	46.168	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.340%
7) Chloroethane-d5	1.529	69	75528	46.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.180%
11) 1,1-Dichloroethene-d2	2.060	65	40594	44.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.320%
21) 2-Butanone-d5	3.786	46	92554	100.577	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.580%
24) Chloroform-d	4.249	84	171112	47.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.760%
26) 1,2-Dichloroethane-d4	4.941	65	106647	48.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.140%
32) Benzene-d6	4.960	84	318357	48.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.900%
36) 1,2-Dichloropropane-d6	5.989	67	95446	47.864	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	7.243	98	296424	49.305	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.620%
43) trans-1,3-Dichloroprop...	7.551	79	41790	42.761	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.520%
47) 2-Hexanone-d5	8.024	63	63675	94.936	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.940%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	139436	48.651	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.300%
66) 1,2-Dichlorobenzene-d4	11.561	152	116530	46.499	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	96034	49.299	ug/L	98
3) Chloromethane	1.214	50	90077	50.228	ug/L	98
5) Vinyl chloride	1.282	62	95094	49.463	ug/L	98
6) Bromomethane	1.484	94	60573	44.015	ug/L	98
8) Chloroethane	1.548	64	63824	49.175	ug/L	98
9) Trichlorofluoromethane	1.712	101	161234	47.827	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	90763	46.148	ug/L	99
12) 1,1-Dichloroethene	2.069	96	81088	48.532	ug/L	96
13) Acetone	2.108	43	88619	82.963	ug/L	99
14) Carbon disulfide	2.240	76	199636	46.756	ug/L	100
15) Methyl Acetate	2.372	43	90505	59.327	ug/L	99
16) Methylene chloride	2.445	84	91005	48.768	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	78032	49.410	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	240045	50.052	ug/L	99
19) 1,1-Dichloroethane	3.111	63	152476	50.375	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	86191	48.135	ug/L	99
22) 2-Butanone	3.863	43	98787	93.870	ug/L	100
23) Bromochloromethane	4.146	128	47714	48.615	ug/L	95
25) Chloroform	4.275	83	171052	50.216	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	134094	51.070	ug/L	99
29) Cyclohexane	4.587	56	107423	48.857	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	147364	48.926	ug/L	100
31) Carbon tetrachloride	4.735	117	132021	48.978	ug/L	98
33) Benzene	5.011	78	334109	51.384	ug/L	100
34) Trichloroethene	5.834	95	87539	49.073	ug/L	98
35) Methylcyclohexane	6.053	83	118901	46.471	ug/L	96
37) 1,2-Dichloropropane	6.092	63	89593	50.808	ug/L	99
38) Bromodichloromethane	6.432	83	123052	48.484	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	121297	47.283	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	212629	112.993	ug/L	99
42) Toluene	7.317	91	359123	52.109	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	122407	47.551	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	93077	50.642	ug/L	97
46) Tetrachloroethene	7.905	164	65525	47.009	ug/L	98
48) 2-Hexanone	8.075	43	154185	98.237	ug/L	100
49) Dibromochloromethane	8.178	129	95616	49.199	ug/L	99
50) 1,2-Dibromoethane	8.281	107	95938	50.638	ug/L	97
51) Chlorobenzene	8.815	112	238168	47.953	ug/L	99
52) Ethylbenzene	8.947	91	387194	50.448	ug/L	100
53) m,p-Xylene	9.072	106	151735	52.620	ug/L	97
54) o-Xylene	9.481	106	141505	50.537	ug/L	100
55) Styrene	9.497	104	267849	54.203	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	141874	50.261	ug/L	100
59) Bromoform	9.664	173	65285	47.450	ug/L	99
60) Isopropylbenzene	9.870	105	387734	51.199	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	110189	51.550	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	294370	51.287	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	309564	51.931	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	189201	48.069	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	199936	47.197	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	194427	47.459	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	29890	51.622	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	126490	46.469	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	110297	46.354	ug/L	98
71) Naphthalene	13.442	128	305632	47.740	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	120324	51.699	ug/L	98

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

