

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031924\
 Data File : VW034747.D
 Acq On : 19 Mar 2024 19:57
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050297

Quant Time: Mar 20 01:28:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 01:19:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	337423	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	313979	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	163438	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	136636	46.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.420%
7) Chloroethane-d5	1.523	69	118778	52.122	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.240%
11) 1,1-Dichloroethene-d2	2.056	65	60798	45.959	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.920%
21) 2-Butanone-d5	3.783	46	214868	109.843	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.840%
24) Chloroform-d	4.246	84	289300	55.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.880%
26) 1,2-Dichloroethane-d4	4.937	65	191830	56.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.520%
32) Benzene-d6	4.957	84	551599	58.210	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.420%
36) 1,2-Dichloropropane-d6	5.986	67	162173	56.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.160%
41) Toluene-d8	7.240	98	480108	55.987	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.980%
43) trans-1,3-Dichloroprop...	7.551	79	84977	58.516	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.040%
47) 2-Hexanone-d5	8.024	63	136204	94.319	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.320%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	220188	57.858	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.720%
66) 1,2-Dichlorobenzene-d4	11.558	152	184273	55.160	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	105956	29.937	ug/L	100
3) Chloromethane	1.214	50	133504	38.387	ug/L	98
5) Vinyl chloride	1.282	62	124848	36.982	ug/L	99
6) Bromomethane	1.481	94	90591	44.725	ug/L	98
8) Chloroethane	1.542	64	88009	43.861	ug/L	99
9) Trichlorofluoromethane	1.709	101	178594	35.327	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	92294	33.873	ug/L	96
12) 1,1-Dichloroethene	2.066	96	99843	39.516	ug/L	91
13) Acetone	2.114	43	167287	71.138	ug/L	99
14) Carbon disulfide	2.240	76	247358	35.276	ug/L	99
15) Methyl Acetate	2.372	43	164379	54.639	ug/L	100
16) Methylene chloride	2.446	84	139706	52.128	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	110184	45.056	ug/L	98
18) Methyl tert-butyl Ether	2.700	73	480389	54.701	ug/L	98
19) 1,1-Dichloroethane	3.108	63	248476	51.868	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	137955	51.993	ug/L	98
22) 2-Butanone	3.867	43	224301	96.592	ug/L	99
23) Bromochloromethane	4.143	128	73822	53.805	ug/L	97
25) Chloroform	4.272	83	260326	52.429	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	211517	52.431	ug/L	97
29) Cyclohexane	4.580	56	144074	34.886	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	213406	47.398	ug/L	100
31) Carbon tetrachloride	4.735	117	172933	43.383	ug/L	99
33) Benzene	5.008	78	501028	51.409	ug/L	100
34) Trichloroethene	5.831	95	127939	46.182	ug/L	97
35) Methylcyclohexane	6.047	83	135215	32.105	ug/L	99
37) 1,2-Dichloropropane	6.092	63	135954	53.282	ug/L	99
38) Bromodichloromethane	6.429	83	190359	53.038	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	215254	52.069	ug/L	95
40) 4-Methyl-2-pentanone	7.153	43	414684	110.217	ug/L	99
42) Toluene	7.313	91	514666	49.897	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	210642	52.979	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	138332	56.189	ug/L	98
46) Tetrachloroethene	7.902	164	88259	42.839	ug/L	99
48) 2-Hexanone	8.072	43	325546	108.585	ug/L	97
49) Dibromochloromethane	8.175	129	146049	56.216	ug/L	100
50) 1,2-Dibromoethane	8.281	107	142277	54.461	ug/L	99
51) Chlorobenzene	8.812	112	340877	51.120	ug/L	99
52) Ethylbenzene	8.944	91	570993	49.405	ug/L	100
53) m,p-Xylene	9.072	106	216020	49.255	ug/L	99
54) o-Xylene	9.477	106	222333	51.770	ug/L	98
55) Styrene	9.493	104	384011	52.812	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	210955	57.050	ug/L	100
59) Bromoform	9.664	173	106827	58.954	ug/L	99
60) Isopropylbenzene	9.866	105	572060	49.490	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	173425	55.588	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	483610	49.597	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	496554	51.490	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	272234	50.938	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	273518	50.396	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	282602	52.770	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	50758	54.617	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	186562	46.532	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	169714	47.043	ug/L	99
71) Naphthalene	13.439	128	506634	52.500	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	173577	49.320	ug/L	99

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

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