

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041824\
 Data File : VW035294.D
 Acq On : 18 Apr 2024 20:20
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050329

Quant Time: Apr 19 01:44:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	325020	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	318077	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	164372	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	135617	43.205	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.420%
7) Chloroethane-d5	1.522	69	104532	38.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.680%
11) 1,1-Dichloroethene-d2	2.056	65	59204	43.028	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.060%
21) 2-Butanone-d5	3.789	46	191688	102.969	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.970%
24) Chloroform-d	4.249	84	285186	54.038	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.080%
26) 1,2-Dichloroethane-d4	4.940	65	173842	51.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.760%
32) Benzene-d6	4.960	84	550441	51.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.040%
36) 1,2-Dichloropropane-d6	5.989	67	177818	52.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.820%
41) Toluene-d8	7.243	98	500481	52.013	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.020%
43) trans-1,3-Dichloroprop...	7.551	79	78722	47.728	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.460%
47) 2-Hexanone-d5	8.024	63	135158	105.365	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.360%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	253187	54.191	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.380%
66) 1,2-Dichlorobenzene-d4	11.557	152	186850	50.630	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	95916	40.717	ug/L	99
3) Chloromethane	1.214	50	123087	40.644	ug/L	99
5) Vinyl chloride	1.285	62	130177	41.003	ug/L	99
6) Bromomethane	1.481	94	56284	23.651	ug/L	98
8) Chloroethane	1.539	64	92755	42.778	ug/L	97
9) Trichlorofluoromethane	1.709	101	186431	44.741	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	120639	47.301	ug/L	97
12) 1,1-Dichloroethene	2.066	96	104918	43.012	ug/L	99
13) Acetone	2.117	43	131804	77.119	ug/L	98
14) Carbon disulfide	2.236	76	267745	38.977	ug/L	100
15) Methyl Acetate	2.375	43	156117	57.965	ug/L	100
16) Methylene chloride	2.445	84	146858	55.564	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	120989	51.303	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	463922	56.006	ug/L	99
19) 1,1-Dichloroethane	3.111	63	272844	56.417	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	148055	55.286	ug/L	97
22) 2-Butanone	3.870	43	180759	91.144	ug/L	97
23) Bromochloromethane	4.146	128	80574	60.136	ug/L	92
25) Chloroform	4.275	83	278181	58.179	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	215724	56.666	ug/L	97
29) Cyclohexane	4.580	56	182250	45.747	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	225999	54.508	ug/L	99
31) Carbon tetrachloride	4.735	117	192279	54.715	ug/L	99
33) Benzene	5.008	78	557786	53.778	ug/L	100
34) Trichloroethene	5.831	95	141002	50.373	ug/L	99
35) Methylcyclohexane	6.050	83	200448	47.416	ug/L	99
37) 1,2-Dichloropropane	6.091	63	163979	57.208	ug/L	100
38) Bromodichloromethane	6.432	83	211500	57.189	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	229195	50.759	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	402957	110.108	ug/L	100
42) Toluene	7.313	91	592877	54.599	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	223018	53.760	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	162872	60.286	ug/L	98
46) Tetrachloroethene	7.905	164	107713	55.079	ug/L	96
48) 2-Hexanone	8.075	43	306041	98.324	ug/L	97
49) Dibromochloromethane	8.175	129	159383	59.565	ug/L	99
50) 1,2-Dibromoethane	8.281	107	163428	56.187	ug/L	98
51) Chlorobenzene	8.812	112	415737	59.072	ug/L	100
52) Ethylbenzene	8.943	91	635952	52.843	ug/L	100
53) m,p-Xylene	9.072	106	237708	53.635	ug/L	99
54) o-Xylene	9.477	106	241046	54.969	ug/L	99
55) Styrene	9.493	104	423612	57.164	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	270181	61.723	ug/L	99
59) Bromoform	9.664	173	115884	61.521	ug/L	98
60) Isopropylbenzene	9.866	105	644820	54.416	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	200643	56.331	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	409809	53.250	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	514099	54.030	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	304260	54.944	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	322423	57.254	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	347672	63.024	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	48889	49.821	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	211213	52.922	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	191785	52.314	ug/L	99
71) Naphthalene	13.435	128	410302	40.340	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	186747	51.678	ug/L	99

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

