

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034829.D
 Acq On : 26 Mar 2024 15:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050304

Quant Time: Mar 27 01:31:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	407835	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	385900	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	198867	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	178844	45.407	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.820%		
7) Chloroethane-d5	1.529	69	170633	49.878	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.760%		
11) 1,1-Dichloroethene-d2	2.060	65	80919	46.868	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.740%		
21) 2-Butanone-d5	3.783	46	242014	103.604	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.600%		
24) Chloroform-d	4.246	84	311088	46.977	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.960%		
26) 1,2-Dichloroethane-d4	4.937	65	200108	47.595	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.180%		
32) Benzene-d6	4.957	84	625709	48.271	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.540%		
36) 1,2-Dichloropropane-d6	5.986	67	202734	49.252	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.500%		
41) Toluene-d8	7.240	98	569417	48.777	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.560%		
43) trans-1,3-Dichloroprop...	7.551	79	99878	49.912	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.820%		
47) 2-Hexanone-d5	8.021	63	165364	106.256	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.260%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	278629	49.155	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.300%		
66) 1,2-Dichlorobenzene-d4	11.558	152	213048	47.715	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	121486	41.100	ug/L	99
3) Chloromethane	1.214	50	165321	43.505	ug/L	99
5) Vinyl chloride	1.282	62	174054	43.691	ug/L	100
6) Bromomethane	1.487	94	139504	46.717	ug/L	99
8) Chloroethane	1.548	64	121834	44.779	ug/L	99
9) Trichlorofluoromethane	1.712	101	225750	43.176	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	133443	41.697	ug/L	99
12) 1,1-Dichloroethene	2.069	96	133998	43.779	ug/L	98
13) Acetone	2.118	43	200294	93.395	ug/L	100
14) Carbon disulfide	2.240	76	379795	44.062	ug/L	100
15) Methyl Acetate	2.372	43	153973	45.560	ug/L	99
16) Methylene chloride	2.446	84	145746	43.946	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	133909	45.251	ug/L	99
18) Methyl tert-butyl Ether	2.700	73	474676	45.668	ug/L	100
19) 1,1-Dichloroethane	3.111	63	273044	44.994	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	153222	45.597	ug/L	97
22) 2-Butanone	3.863	43	229194	92.099	ug/L	100
23) Bromochloromethane	4.146	128	75411	44.854	ug/L	97
25) Chloroform	4.272	83	270175	45.031	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	214640	44.932	ug/L	99
29) Cyclohexane	4.580	56	209057	43.253	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	227943	45.315	ug/L	99
31) Carbon tetrachloride	4.732	117	193916	45.483	ug/L	99
33) Benzene	5.008	78	574017	45.616	ug/L	100
34) Trichloroethene	5.831	95	151863	44.718	ug/L	99
35) Methylcyclohexane	6.047	83	220157	42.926	ug/L	99
37) 1,2-Dichloropropane	6.092	63	158930	45.702	ug/L	100
38) Bromodichloromethane	6.429	83	202509	45.134	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	261237	47.687	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	438160	98.685	ug/L	99
42) Toluene	7.313	91	608443	46.184	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	241434	47.971	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	149582	45.636	ug/L	99
46) Tetrachloroethene	7.905	164	109834	46.293	ug/L	98
48) 2-Hexanone	8.072	43	353432	93.593	ug/L	97
49) Dibromochloromethane	8.175	129	146212	45.039	ug/L	99
50) 1,2-Dibromoethane	8.281	107	160450	45.468	ug/L	100
51) Chlorobenzene	8.812	112	388474	45.497	ug/L	99
52) Ethylbenzene	8.944	91	678288	46.455	ug/L	100
53) m,p-Xylene	9.072	106	251576	46.788	ug/L	98
54) o-Xylene	9.477	106	248977	46.799	ug/L	99
55) Styrene	9.493	104	426754	47.467	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	245012	46.136	ug/L	99
59) Bromoform	9.664	173	104411	45.815	ug/L	99
60) Isopropylbenzene	9.863	105	669672	46.710	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	197930	45.931	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	446503	47.955	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	551724	47.927	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	304669	45.474	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	309809	45.472	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	306089	45.862	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	55736	46.947	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	223873	46.364	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	210181	47.387	ug/L	100
71) Naphthalene	13.435	128	671964	54.607	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	212378	48.576	ug/L	99

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

