

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030824\
 Data File : VW034517.D
 Acq On : 08 Mar 2024 08:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050282

Quant Time: Mar 08 23:14:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 04:30:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	336244	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	314415	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	166720	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	121665	41.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.480%
7) Chloroethane-d5	1.526	69	104228	45.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.056	65	53845	40.846	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.700%
21) 2-Butanone-d5	3.777	46	204850	105.089	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.090%
24) Chloroform-d	4.243	84	249129	48.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.680%
26) 1,2-Dichloroethane-d4	4.937	65	161168	47.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.700%
32) Benzene-d6	4.953	84	446977	47.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	5.986	67	140957	48.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.340%
41) Toluene-d8	7.240	98	402596	46.883	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.760%
43) trans-1,3-Dichloroprop...	7.548	79	70981	48.810	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.620%
47) 2-Hexanone-d5	8.021	63	151167	104.535	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.540%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	191173	50.164	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.320%
66) 1,2-Dichlorobenzene-d4	11.558	152	162702	47.744	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	172213	48.828	ug/L	99
3) Chloromethane	1.214	50	164757	47.540	ug/L	99
5) Vinyl chloride	1.282	62	164721	48.964	ug/L	97
6) Bromomethane	1.478	94	100047	49.567	ug/L	97
8) Chloroethane	1.542	64	98136	49.079	ug/L	97
9) Trichlorofluoromethane	1.709	101	237997	47.242	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	130680	48.129	ug/L	99
12) 1,1-Dichloroethene	2.066	96	118503	47.066	ug/L	96
13) Acetone	2.108	43	265125	113.138	ug/L	99
14) Carbon disulfide	2.237	76	341170	48.825	ug/L	100
15) Methyl Acetate	2.368	43	158843	52.984	ug/L	99
16) Methylene chloride	2.442	84	133357	49.933	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	120261	49.349	ug/L	97
18) Methyl tert-butyl Ether	2.700	73	437809	50.027	ug/L	100
19) 1,1-Dichloroethane	3.108	63	242638	50.827	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	135080	51.088	ug/L	93
22) 2-Butanone	3.857	43	253058	109.358	ug/L	96
23) Bromochloromethane	4.143	128	70634	51.662	ug/L	96
25) Chloroform	4.272	83	247988	50.119	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	199768	49.692	ug/L	98
29) Cyclohexane	4.577	56	207568	50.191	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	224535	49.801	ug/L	100
31) Carbon tetrachloride	4.732	117	198544	49.738	ug/L	99
33) Benzene	5.005	78	494273	50.646	ug/L	100
34) Trichloroethene	5.828	95	138025	49.754	ug/L	95
35) Methylcyclohexane	6.047	83	216769	51.398	ug/L	98
37) 1,2-Dichloropropane	6.088	63	131384	51.420	ug/L	100
38) Bromodichloromethane	6.429	83	183406	51.030	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	210102	50.752	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	403175	107.009	ug/L	100
42) Toluene	7.313	91	521604	50.499	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	199927	50.214	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	126110	51.153	ug/L	98
46) Tetrachloroethene	7.902	164	104250	50.530	ug/L	98
48) 2-Hexanone	8.069	43	338255	112.667	ug/L	99
49) Dibromochloromethane	8.175	129	135760	52.183	ug/L	98
50) 1,2-Dibromoethane	8.278	107	133521	51.038	ug/L	100
51) Chlorobenzene	8.812	112	334082	50.032	ug/L	99
52) Ethylbenzene	8.944	91	586263	50.656	ug/L	100
53) m,p-Xylene	9.069	106	220599	50.229	ug/L	99
54) o-Xylene	9.474	106	218892	50.898	ug/L	99
55) Styrene	9.493	104	377741	51.877	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	185872	50.197	ug/L	98
59) Bromoform	9.661	173	94685	51.224	ug/L	100
60) Isopropylbenzene	9.863	105	601310	50.996	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	161749	50.825	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	509449	51.219	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	508900	51.731	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	273629	50.191	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	277353	50.097	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	275706	50.469	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	49437	52.148	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	206290	50.439	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	184529	50.142	ug/L	99
71) Naphthalene	13.435	128	501009	50.895	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	182852	50.932	ug/L	99

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

