

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032824\
 Data File : VW034878.D
 Acq On : 28 Mar 2024 11:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050308

Quant Time: Mar 29 00:19:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 01:53:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	381851	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	372405	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	195952	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	173385	47.017	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.040%
7) Chloroethane-d5	1.532	69	164022	51.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.420%
11) 1,1-Dichloroethene-d2	2.060	65	78295	48.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.860%
21) 2-Butanone-d5	3.786	46	178017	81.393	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.390%
24) Chloroform-d	4.246	84	278743	44.957	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.920%
26) 1,2-Dichloroethane-d4	4.941	65	170918	43.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.840%
32) Benzene-d6	4.960	84	565986	45.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.500%
36) 1,2-Dichloropropane-d6	5.985	67	174790	44.002	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.000%
41) Toluene-d8	7.239	98	520310	46.186	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%
43) trans-1,3-Dichloroprop...	7.551	79	83513	43.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.500%
47) 2-Hexanone-d5	8.024	63	125328	83.448	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.450%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	239953	43.866	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.740%
66) 1,2-Dichlorobenzene-d4	11.558	152	188135	42.762	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	135753	49.051	ug/L	100
3) Chloromethane	1.217	50	149995	42.158	ug/L	99
5) Vinyl chloride	1.285	62	169729	45.505	ug/L	98
6) Bromomethane	1.487	94	129778	46.417	ug/L	100
8) Chloroethane	1.548	64	124973	49.059	ug/L	99
9) Trichlorofluoromethane	1.712	101	247350	50.526	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	160793	53.662	ug/L	98
12) 1,1-Dichloroethene	2.069	96	140707	49.099	ug/L	94
13) Acetone	2.117	43	211510	105.336	ug/L	100
14) Carbon disulfide	2.240	76	337668	41.840	ug/L	100
15) Methyl Acetate	2.375	43	145281	45.914	ug/L	97
16) Methylene chloride	2.445	84	147242	47.418	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	133591	48.216	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	470010	48.296	ug/L	100
19) 1,1-Dichloroethane	3.111	63	270792	47.659	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	154066	48.968	ug/L	97
22) 2-Butanone	3.867	43	214362	92.001	ug/L	95
23) Bromochloromethane	4.146	128	78740	50.021	ug/L	96
25) Chloroform	4.275	83	276913	49.295	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	219719	49.126	ug/L	99
29) Cyclohexane	4.580	56	215597	46.223	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	236034	48.624	ug/L	99
31) Carbon tetrachloride	4.735	117	204618	49.732	ug/L	98
33) Benzene	5.008	78	578572	47.644	ug/L	100
34) Trichloroethene	5.831	95	155976	47.593	ug/L	99
35) Methylcyclohexane	6.050	83	243705	49.239	ug/L	98
37) 1,2-Dichloropropane	6.092	63	160802	47.916	ug/L	99
38) Bromodichloromethane	6.429	83	210485	48.611	ug/L	95
39) cis-1,3-Dichloropropene	6.950	75	259736	49.131	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	407980	95.218	ug/L	99
42) Toluene	7.313	91	628264	49.417	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	242468	49.922	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	157589	49.821	ug/L	99
46) Tetrachloroethene	7.902	164	116493	50.879	ug/L	99
48) 2-Hexanone	8.072	43	338899	92.997	ug/L	97
49) Dibromochloromethane	8.175	129	156034	49.806	ug/L	100
50) 1,2-Dibromoethane	8.281	107	168799	49.568	ug/L	99
51) Chlorobenzene	8.812	112	410293	49.793	ug/L	99
52) Ethylbenzene	8.944	91	708544	50.286	ug/L	100
53) m,p-Xylene	9.072	106	263623	50.805	ug/L	99
54) o-Xylene	9.477	106	258185	50.288	ug/L	98
55) Styrene	9.493	104	454076	52.336	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	261723	51.068	ug/L	100
59) Bromoform	9.664	173	113244	50.430	ug/L	99
60) Isopropylbenzene	9.866	105	707500	50.083	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	203036	47.816	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	466670	50.866	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	576815	50.852	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	332817	50.415	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	339478	50.568	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	332052	50.492	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	56915	48.653	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	247764	52.075	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	225935	51.697	ug/L	100
71) Naphthalene	13.435	128	575772	47.486	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	227006	52.694	ug/L	99

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

