

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042524\
 Data File : VW035414.D
 Acq On : 25 Apr 2024 19:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050340

Quant Time: Apr 26 01:40:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 01:37:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	396348	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	394226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	218682	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	149272	38.997	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.000%
7) Chloroethane-d5	1.529	69	133107	40.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.080%
11) 1,1-Dichloroethene-d2	2.053	65	64998	38.738	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.480%
21) 2-Butanone-d5	3.790	46	243962	107.465	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.460%
24) Chloroform-d	4.246	84	330233	51.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.620%
26) 1,2-Dichloroethane-d4	4.937	65	198169	48.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.000%
32) Benzene-d6	4.957	84	619508	46.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
36) 1,2-Dichloropropane-d6	5.986	67	201042	47.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.620%
41) Toluene-d8	7.240	98	555089	46.545	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.100%
43) trans-1,3-Dichloroprop...	7.551	79	90949	44.490	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.980%
47) 2-Hexanone-d5	8.024	63	150675	94.772	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.770%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	327338	56.528	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.060%
66) 1,2-Dichlorobenzene-d4	11.558	152	237946	48.463	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	173963	60.559	ug/L	100
3) Chloromethane	1.214	50	183713	49.746	ug/L	98
5) Vinyl chloride	1.282	62	194282	50.182	ug/L	99
6) Bromomethane	1.487	94	112547	38.782	ug/L	99
8) Chloroethane	1.545	64	125164	47.337	ug/L	100
9) Trichlorofluoromethane	1.706	101	260631	51.292	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	156405	50.288	ug/L	96
12) 1,1-Dichloroethene	2.066	96	145384	48.875	ug/L	86
13) Acetone	2.124	43	187342	89.888	ug/L	99
14) Carbon disulfide	2.237	76	394141	47.052	ug/L	100
15) Methyl Acetate	2.375	43	191549	58.322	ug/L	97
16) Methylene chloride	2.446	84	185701	57.616	ug/L	94
17) trans-1,2-Dichloroethene	2.690	96	156988	54.588	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	552121	54.658	ug/L	99
19) 1,1-Dichloroethane	3.108	63	333794	56.599	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	183774	56.274	ug/L	92
22) 2-Butanone	3.873	43	239050	98.844	ug/L	95
23) Bromochloromethane	4.143	128	99757	61.054	ug/L	89
25) Chloroform	4.272	83	340983	58.480	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	255219	54.976	ug/L	98
29) Cyclohexane	4.580	56	231114	46.807	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	286946	55.840	ug/L	97
31) Carbon tetrachloride	4.732	117	248792	57.121	ug/L	99
33) Benzene	5.005	78	700946	54.526	ug/L	100
34) Trichloroethene	5.831	95	178415	51.427	ug/L	97
35) Methylcyclohexane	6.047	83	253826	48.445	ug/L	98
37) 1,2-Dichloropropane	6.088	63	194838	54.844	ug/L	98
38) Bromodichloromethane	6.429	83	255361	55.711	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	293842	52.506	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	494686	109.063	ug/L	97
42) Toluene	7.314	91	740073	54.989	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	273973	53.287	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	198012	59.136	ug/L	98
46) Tetrachloroethene	7.902	164	142811	58.921	ug/L	96
48) 2-Hexanone	8.076	43	413396	107.161	ug/L	95
49) Dibromochloromethane	8.172	129	199461	60.144	ug/L	100
50) 1,2-Dibromoethane	8.278	107	203688	56.502	ug/L	95
51) Chlorobenzene	8.812	112	488136	55.961	ug/L	98
52) Ethylbenzene	8.944	91	790191	52.977	ug/L	99
53) m,p-Xylene	9.069	106	303175	55.193	ug/L	96
54) o-Xylene	9.477	106	296088	54.478	ug/L	100
55) Styrene	9.493	104	531333	57.851	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	325015	59.908	ug/L	99
59) Bromoform	9.661	173	152509	60.857	ug/L	99
60) Isopropylbenzene	9.863	105	801662	50.850	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	254731	53.755	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	639955	62.504	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	639793	50.541	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	388044	52.671	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	399336	53.301	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	405629	55.269	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	62842	48.136	ug/L	90
69) 1,3,5-Trichlorobenzene	12.580	180	276005	51.981	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	218209	44.739	ug/L	98
71) Naphthalene	13.435	128	497225	36.745	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	232382	48.336	ug/L	99

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

