

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035125.D
 Acq On : 11 Apr 2024 12:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050327

Quant Time: Apr 11 13:43:33 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	5.532	114	292481	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	293364	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	153924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	145537	51.524	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 103.040%	
7) Chloroethane-d5	1.526	69	123305	50.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 100.520%	
11) 1,1-Dichloroethene-d2	2.057	65	62798	50.718	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.440%	
21) 2-Butanone-d5	3.783	46	217457	129.807	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 129.810%	
24) Chloroform-d	4.246	84	273287	57.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.080%	
26) 1,2-Dichloroethane-d4	4.937	65	175882	58.332	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.660%	
32) Benzene-d6	4.957	84	531906	53.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.960%	
36) 1,2-Dichloropropane-d6	5.986	67	174511	55.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 111.540%	
41) Toluene-d8	7.240	98	478648	53.935	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.860%	
43) trans-1,3-Dichloroprop...	7.551	79	82032	53.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.840%	
47) 2-Hexanone-d5	8.021	63	126449	106.880	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 106.880%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	255266	59.238	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 118.480%	
66) 1,2-Dichlorobenzene-d4	11.558	152	181999	52.663	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	93297	44.012	ug/L	99
3) Chloromethane	1.214	50	127791	46.892	ug/L	99
5) Vinyl chloride	1.282	62	132560	46.399	ug/L	99
6) Bromomethane	1.478	94	91638	42.791	ug/L	99
8) Chloroethane	1.542	64	93378	47.857	ug/L	98
9) Trichlorofluoromethane	1.709	101	185777	49.544	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	119943	52.260	ug/L	99
12) 1,1-Dichloroethene	2.066	96	104790	47.739	ug/L	94
13) Acetone	2.111	43	176101	114.500	ug/L	100
14) Carbon disulfide	2.237	76	258039	41.743	ug/L	99
15) Methyl Acetate	2.368	43	169381	69.886	ug/L	99
16) Methylene chloride	2.446	84	139802	58.778	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	109591	51.640	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	448675	60.191	ug/L	98
19) 1,1-Dichloroethane	3.108	63	260109	59.767	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	137162	56.916	ug/L	99
22) 2-Butanone	3.864	43	227580	127.519	ug/L	98
23) Bromochloromethane	4.143	128	71494	59.295	ug/L	95
25) Chloroform	4.272	83	259355	60.276	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	211341	61.691	ug/L	98
29) Cyclohexane	4.581	56	172605	46.976	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	202587	52.978	ug/L	99
31) Carbon tetrachloride	4.732	117	172178	53.122	ug/L	100
33) Benzene	5.008	78	518905	54.244	ug/L	100
34) Trichloroethene	5.831	95	131493	50.933	ug/L	98
35) Methylcyclohexane	6.047	83	189030	48.482	ug/L	99
37) 1,2-Dichloropropane	6.092	63	156879	59.342	ug/L	100
38) Bromodichloromethane	6.429	83	197033	57.765	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	234818	56.385	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	442459	131.087	ug/L	98
42) Toluene	7.314	91	546864	54.604	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	221446	57.878	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	153993	61.801	ug/L	99
46) Tetrachloroethene	7.902	164	96197	53.334	ug/L	97
48) 2-Hexanone	8.072	43	353329	123.080	ug/L	98
49) Dibromochloromethane	8.175	129	145579	58.989	ug/L	100
50) 1,2-Dibromoethane	8.281	107	157386	58.668	ug/L	99
51) Chlorobenzene	8.812	112	356140	54.867	ug/L	99
52) Ethylbenzene	8.944	91	590900	53.236	ug/L	99
53) m,p-Xylene	9.072	106	219622	53.729	ug/L	99
54) o-Xylene	9.477	106	221248	54.704	ug/L	99
55) Styrene	9.493	104	393745	57.610	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	257130	63.690	ug/L	99
59) Bromoform	9.664	173	107202	60.774	ug/L	99
60) Isopropylbenzene	9.866	105	584530	52.676	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	204211	61.225	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	377915	52.439	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	482353	54.135	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	281568	54.297	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	284242	53.901	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	295760	57.253	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	55803	60.727	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	201898	54.022	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	181399	52.840	ug/L	99
71) Naphthalene	13.435	128	474026	49.769	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	189948	56.131	ug/L	99

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

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