

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042924\
 Data File : VW035482.D
 Acq On : 29 Apr 2024 19:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050345

Quant Time: Apr 30 02:15:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 02:09:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	520261	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	515133	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	277185	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	165096	39.486	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.980%
7) Chloroethane-d5	1.529	69	135463	56.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.100%
11) 1,1-Dichloroethene-d2	2.053	65	72568	42.466	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.940%
21) 2-Butanone-d5	3.799	46	250068	116.698	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.700%
24) Chloroform-d	4.246	84	327940	46.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.220%
26) 1,2-Dichloroethane-d4	4.940	65	195416	47.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.380%
32) Benzene-d6	4.956	84	636724	47.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.060%
36) 1,2-Dichloropropane-d6	5.985	67	200332	47.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.920%
41) Toluene-d8	7.239	98	583564	47.827	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.660%
43) trans-1,3-Dichloroprop...	7.551	79	92637	47.412	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.820%
47) 2-Hexanone-d5	8.030	63	146465	121.641	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.640%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	316472	53.162	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.320%
66) 1,2-Dichlorobenzene-d4	11.558	152	232240	47.889	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	172427	45.080	ug/L	98
3) Chloromethane	1.214	50	186826	48.134	ug/L	99
5) Vinyl chloride	1.281	62	201091	49.112	ug/L	98
6) Bromomethane	1.487	94	116072	48.403	ug/L	99
8) Chloroethane	1.545	64	125466	69.413	ug/L	99
9) Trichlorofluoromethane	1.706	101	269336	48.702	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	165145	47.664	ug/L	99
12) 1,1-Dichloroethene	2.063	96	151537	49.299	ug/L	95
13) Acetone	2.130	43	207259	81.394	ug/L	98
14) Carbon disulfide	2.236	76	405496	47.491	ug/L	100
15) Methyl Acetate	2.378	43	212273	54.969	ug/L	97
16) Methylene chloride	2.442	84	190397	48.975	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	162110	49.055	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	576655	51.809	ug/L	100
19) 1,1-Dichloroethane	3.108	63	341387	49.905	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	191834	51.599	ug/L	98
22) 2-Butanone	3.883	43	287340	102.002	ug/L	97
23) Bromochloromethane	4.143	128	104758	50.636	ug/L	98
25) Chloroform	4.272	83	354737	50.168	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	261847	50.426	ug/L	100
29) Cyclohexane	4.580	56	239683	50.594	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	300751	51.319	ug/L	99
31) Carbon tetrachloride	4.731	117	256470	50.091	ug/L	99
33) Benzene	5.005	78	717215	52.031	ug/L	100
34) Trichloroethene	5.831	95	185880	49.721	ug/L	100
35) Methylcyclohexane	6.046	83	268396	49.620	ug/L	98
37) 1,2-Dichloropropane	6.091	63	196792	51.138	ug/L	99
38) Bromodichloromethane	6.429	83	264984	50.994	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	301880	53.001	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	564534	122.844	ug/L	100
42) Toluene	7.313	91	762232	52.769	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	282882	51.738	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	207668	51.676	ug/L	99
46) Tetrachloroethene	7.902	164	145309	49.547	ug/L	98
48) 2-Hexanone	8.079	43	462543	118.396	ug/L	97
49) Dibromochloromethane	8.175	129	210545	51.251	ug/L	99
50) 1,2-Dibromoethane	8.281	107	218555	53.458	ug/L	99
51) Chlorobenzene	8.812	112	513672	50.431	ug/L	100
52) Ethylbenzene	8.943	91	825398	52.294	ug/L	99
53) m,p-Xylene	9.072	106	315497	52.816	ug/L	100
54) o-Xylene	9.477	106	311652	53.355	ug/L	97
55) Styrene	9.493	104	560565	55.648	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	361901	55.400	ug/L	99
59) Bromoform	9.664	173	171080	51.988	ug/L	99
60) Isopropylbenzene	9.866	105	835335	52.529	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	279184	53.811	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	672150	52.467	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	681556	54.339	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	425461	51.647	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	450438	52.130	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	475221	56.937	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	71285	60.731	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	292790	50.163	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	306767	66.206	ug/L	98
71) Naphthalene	13.438	128	544498	53.865	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	293326	64.968	ug/L	99

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

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