

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100722\
 Data File : VW028401.D
 Acq On : 07 Oct 2022 12:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV269

Quant Time: Oct 07 23:45:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:36:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/10/2022
 Supervised By :Mahesh Dadoda 10/10/2022

10/10/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	477749	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	434617	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	225314	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	161738	43.875	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.740%
7) Chloroethane-d5	1.564	69	132790	45.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.860%
11) 1,1-Dichloroethene-d2	2.104	63	289417	46.130	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.260%
21) 2-Butanone-d5	3.899	46	326002	101.023	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.020%
24) Chloroform-d	4.339	84	326353	48.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.540%
26) 1,2-Dichloroethane-d4	5.024	65	211388	48.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.960%
32) Benzene-d6	5.043	84	675757	48.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%
36) 1,2-Dichloropropane-d6	6.063	67	221595	48.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.600%
41) Toluene-d8	7.310	98	605845	48.589	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.180%
43) trans-1,3-Dichloroprop...	7.616	79	116145	50.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.360%
47) 2-Hexanone-d5	8.085	63	249874	101.162	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.160%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	300671	48.390	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.780%
66) 1,2-Dichlorobenzene-d4	11.615	152	230055	49.276	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.560%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	166110	46.179	ug/L	100
3) Chloromethane	1.236	50	179485	44.323	ug/L	99
5) Vinyl chloride	1.307	62	183931	45.260	ug/L	100
6) Bromomethane	1.519	94	91586	49.425	ug/L	98
8) Chloroethane	1.580	64	115378	46.769	ug/L	100
9) Trichlorofluoromethane	1.748	101	235979	46.986	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	133642	46.951	ug/L	98
12) 1,1-Dichloroethene	2.111	96	130151	46.576	ug/L	94
13) Acetone	2.195	43	234200m	93.688	ug/L	
14) Carbon disulfide	2.288	76	420902	47.098	ug/L	100
15) Methyl Acetate	2.436	43	211129	50.023	ug/L	97
16) Methylene chloride	2.500	84	168235	46.328	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	151137	46.370	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	556633	46.456	ug/L	99
19) 1,1-Dichloroethane	3.182	63	307160	46.132	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	173647	46.766	ug/L	98
22) 2-Butanone	3.985	43	334354	101.459	ug/L	98
23) Bromochloromethane	4.239	128	86297	47.824	ug/L	99
25) Chloroform	4.365	83	303153	46.638	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	5.124	62	238851	47.959	ug/L	99	10/10/2022
29) Cyclohexane	4.670	56	290028	46.395	ug/L	97	
30) 1,1,1-Trichloroethane	4.600	97	265552	47.297	ug/L	99	
31) Carbon tetrachloride	4.821	117	225322	47.941	ug/L	98	
33) Benzene	5.092	78	668110	46.740	ug/L	100	
34) Trichloroethene	5.908	95	165290	46.613	ug/L	96	
35) Methylcyclohexane	6.124	83	293512	47.610	ug/L	99	
37) 1,2-Dichloropropane	6.169	63	181660	47.403	ug/L	100	
38) Bromodichloromethane	6.503	83	238947	47.859	ug/L	98	
39) cis-1,3-Dichloropropene	7.021	75	289807	47.536	ug/L	97	
40) 4-Methyl-2-pentanone	7.223	43	623314	95.367	ug/L	100	
42) Toluene	7.381	91	691777	46.952	ug/L	100	
44) trans-1,3-Dichloropropene	7.644	75	280326	47.910	ug/L	98	
45) 1,1,2-Trichloroethane	7.831	97	166993	47.047	ug/L	98	
46) Tetrachloroethene	7.969	164	123902	48.628	ug/L	98	
48) 2-Hexanone	8.136	43	479566	95.578	ug/L	99	
49) Dibromochloromethane	8.239	129	180180	47.225	ug/L	100	
50) 1,2-Dibromoethane	8.345	107	171647	46.703	ug/L	100	
51) Chlorobenzene	8.873	112	438516	47.438	ug/L	99	
52) Ethylbenzene	9.005	91	768521	47.857	ug/L	100	
53) m,p-Xylene	9.130	106	292898	48.120	ug/L	97	
54) o-Xylene	9.535	106	292013	47.913	ug/L	100	
55) Styrene	9.551	104	506736	48.416	ug/L	100	
57) 1,1,2,2-Tetrachloroethane	10.233	83	282432	46.462	ug/L	100	
59) Bromoform	9.725	173	132070	47.334	ug/L	99	
60) Isopropylbenzene	9.924	105	772886	47.604	ug/L	99	
61) 1,2,3-Trichloropropane	10.265	75	224504	46.804	ug/L	100	
62) 1,3,5-Trimethylbenzene	10.532	105	672660	47.836	ug/L	99	
63) 1,2,4-Trimethylbenzene	10.905	105	662395	47.458	ug/L	99	
64) 1,3-Dichlorobenzene	11.172	146	340787	47.990	ug/L	100	
65) 1,4-Dichlorobenzene	11.265	146	340958	48.118	ug/L	98	
67) 1,2-Dichlorobenzene	11.635	146	339912	47.426	ug/L	99	
68) 1,2-Dibromo-3-chloropr...	12.419	75	72011	49.058	ug/L	98	
69) 1,3,5-Trichlorobenzene	12.635	180	264332	49.009	ug/L	100	
70) 1,2,4-trichlorobenzene	13.249	180	241927	50.890	ug/L	98	
71) Naphthalene	13.490	128	807780	54.631	ug/L	100	
72) 1,2,3-Trichlorobenzene	13.731	180	244433	52.738	ug/L	98	

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

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