

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100722\
 Data File : VW028398.D
 Acq On : 07 Oct 2022 11:04
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050266

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 23:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:20:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	462884	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	424718	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	218372	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	191617	49.721	ug/L	0.00
7) Chloroethane-d5	1.564	69	151435	48.925	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	321822	46.964	ug/L	0.00
21) 2-Butanone-d5	3.889	46	301175	113.359	ug/L	0.00
24) Chloroform-d	4.342	84	346092	46.498	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	224385	51.440	ug/L	0.00
32) Benzene-d6	5.043	84	717415	55.302	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	235966	55.870	ug/L	0.00
41) Toluene-d8	7.310	98	642712	56.851	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	120326	64.878	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	255399	133.852	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	316784	50.780	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	236530	56.269	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	176751	38.717	ug/L	100
3) Chloromethane	1.240	50	202146	45.902	ug/L	100
5) Vinyl chloride	1.307	62	200955	43.597	ug/L	100
6) Bromomethane	1.519	94	89002	33.349	ug/L	100
8) Chloroethane	1.584	64	123132	45.185	ug/L	100
9) Trichlorofluoromethane	1.751	101	251596	40.127	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	141826	38.891	ug/L	100
12) 1,1-Dichloroethene	2.114	96	139702	40.736	ug/L	100
13) Acetone	2.185	43	220374m	115.369	ug/L	
14) Carbon disulfide	2.291	76	443391	44.458	ug/L	100
15) Methyl Acetate	2.432	43	191875	47.973	ug/L	100
16) Methylene chloride	2.503	84	178123	40.472	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	159278	43.393	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	594114	55.390	ug/L	100
19) 1,1-Dichloroethane	3.185	63	329975	47.928	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	185977	47.497	ug/L	100
22) 2-Butanone	3.976	43	312109	121.162	ug/L	100
23) Bromochloromethane	4.243	128	91344	41.727	ug/L	100
25) Chloroform	4.368	83	325311	44.895	ug/L	100
27) 1,2-Dichloroethane	5.124	62	249255	48.027	ug/L	100
29) Cyclohexane	4.670	56	314192	65.832	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	283355	50.329	ug/L	100
31) Carbon tetrachloride	4.821	117	233415	47.871	ug/L	100
33) Benzene	5.095	78	712923	52.204	ug/L	100
34) Trichloroethene	5.908	95	175201	49.792	ug/L	100
35) Methylcyclohexane	6.127	83	305001	57.126	ug/L	100
37) 1,2-Dichloropropane	6.169	63	197309	54.834	ug/L	100
38) Bromodichloromethane	6.503	83	248852	51.202	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	310006	59.700	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	655752	142.434	ug/L	100
42) Toluene	7.381	91	735820	53.159	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	292475	58.126	ug/L	100

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45) 1,1,2-Trichloroethane	7.831	97	175355	47.098	ug/L	100
46) Tetrachloroethene	7.969	164	127013	47.089	ug/L	100
48) 2-Hexanone	8.133	43	496961	141.268	ug/L	100
49) Dibromochloromethane	8.239	129	190892	48.589	ug/L	100
50) 1,2-Dibromoethane	8.345	107	183886	48.071	ug/L	100
51) Chlorobenzene	8.873	112	459132	47.735	ug/L	100
52) Ethylbenzene	9.005	91	800772	54.798	ug/L	100
53) m,p-Xylene	9.130	106	302602	53.681	ug/L	100
54) o-Xylene	9.535	106	304304	55.181	ug/L	100
55) Styrene	9.551	104	528201	55.310	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	299163	49.358	ug/L	100
59) Bromoform	9.725	173	138226	54.904	ug/L	100
60) Isopropylbenzene	9.924	105	804082	59.942	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	234950	52.710	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	698245	62.967	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	692701	62.748	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	349545	52.551	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	349398	49.839	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	354779	52.047	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	70838	57.707	ug/L	100
69) 1,3,5-Trichlorobenzene	12.635	180	264795	54.972	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	240585	58.118	ug/L	100
71) Naphthalene	13.490	128	740856	58.101	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	236837	56.496	ug/L	100

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

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