

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100722\
 Data File : VW028396.D
 Acq On : 07 Oct 2022 10:16
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005264

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 23:20:50 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	5.613	114	520287	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	468707	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	229786	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18512	4.274	ug/L	0.00
7) Chloroethane-d5	1.568	69	14710	4.228	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	32436	4.211	ug/L	0.00
21) 2-Butanone-d5	3.925	46	28158m	9.429	ug/L	0.04
24) Chloroform-d	4.349	84	33417	3.994	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	21287	4.342	ug/L	0.00
32) Benzene-d6	5.050	84	69259	4.838	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	22660	4.862	ug/L	0.00
41) Toluene-d8	7.317	98	62808	5.034	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	10793	5.273	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	22838	10.846	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.210	84	31254	4.540	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	21888	4.948	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	19958	3.889	ug/L	96
3) Chloromethane	1.240	50	21734	4.391	ug/L	97
5) Vinyl chloride	1.307	62	21963	4.239	ug/L	97
6) Bromomethane	1.520	94	9683	3.228	ug/L	100
8) Chloroethane	1.584	64	13180	4.303	ug/L	97
9) Trichlorofluoromethane	1.751	101	27128	3.849	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	15664	3.821	ug/L	98
12) 1,1-Dichloroethene	2.114	96	15035	3.900	ug/L	96
13) Acetone	2.188	43	35287m	16.435	ug/L	
14) Carbon disulfide	2.288	76	47585	4.245	ug/L	99
15) Methyl Acetate	2.436	43	18234	4.056	ug/L	93
16) Methylene chloride	2.503	84	20168	4.077	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	17966	4.355	ug/L	91
18) Methyl tert-butyl Ether	2.767	73	63339	5.254	ug/L	98
19) 1,1-Dichloroethane	3.188	63	35889	4.638	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	19029	4.324	ug/L	97
22) 2-Butanone	4.005	43	33771m	11.664	ug/L	
23) Bromochloromethane	4.249	128	9110	3.702	ug/L	92
25) Chloroform	4.378	83	34864	4.281	ug/L	97
27) 1,2-Dichloroethane	5.137	62	26085	4.472	ug/L	98
29) Cyclohexane	4.671	56	34892	6.625	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	29982	4.826	ug/L	98
31) Carbon tetrachloride	4.828	117	24701	4.590	ug/L	99
33) Benzene	5.101	78	76179	5.055	ug/L	100
34) Trichloroethene	5.915	95	19200	4.945	ug/L	94
35) Methylcyclohexane	6.127	83	34414	5.841	ug/L	98
37) 1,2-Dichloropropane	6.175	63	19817	4.990	ug/L	100
38) Bromodichloromethane	6.513	83	25687	4.789	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	32015	5.587	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	70100	13.797	ug/L	99
42) Toluene	7.387	91	80158	5.248	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	30139	5.428	ug/L	98

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45) 1,1,2-Trichloroethane	7.838	97	19444	4.732	ug/L	98
46) Tetrachloroethene	7.973	164	13153	4.419	ug/L	98
48) 2-Hexanone	8.143	43	55826m	14.380	ug/L	
49) Dibromochloromethane	8.243	129	20252	4.671	ug/L	89
50) 1,2-Dibromoethane	8.352	107	19311	4.574	ug/L	94
51) Chlorobenzene	8.879	112	49358	4.650	ug/L	97
52) Ethylbenzene	9.008	91	85206	5.284	ug/L	100
53) m,p-Xylene	9.137	106	32720	5.260	ug/L	92
54) o-Xylene	9.538	106	32369	5.319	ug/L	99
55) Styrene	9.558	104	54171	5.140	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	33353	4.986	ug/L	96
59) Bromoform	9.725	173	14116	5.328	ug/L	99
60) Isopropylbenzene	9.924	105	85431	6.052	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	25887	5.519	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	73318	6.283	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	73094	6.292	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	35617	5.089	ug/L	97
65) 1,4-Dichlorobenzene	11.265	146	36003	4.881	ug/L	95
67) 1,2-Dichlorobenzene	11.635	146	36475	5.085	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	7671	5.939	ug/L	95
69) 1,3,5-Trichlorobenzene	12.638	180	27137	5.354	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	22166	5.089	ug/L	99
71) Naphthalene	13.493	128	65648	4.893	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	21103	4.784	ug/L	97

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

