

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100722\
 Data File : VW028397.D
 Acq On : 07 Oct 2022 10:39
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010265

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 23:21:20 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	502716	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	456962	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	227562	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41000	9.796	ug/L	0.00
7) Chloroethane-d5	1.568	69	32066	9.539	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	67475	9.066	ug/L	0.00
21) 2-Butanone-d5	3.924	46	73946m	25.627	ug/L	0.04
24) Chloroform-d	4.346	84	72116	8.921	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	46762	9.871	ug/L	0.00
32) Benzene-d6	5.047	84	151213	10.834	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	47527	10.459	ug/L	0.00
41) Toluene-d8	7.313	98	132210	10.869	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	24361	12.208	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	53375	25.999	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67156	10.005	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	48611	11.097	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	39266	7.920	ug/L	99
3) Chloromethane	1.240	50	44650	9.336	ug/L	100
5) Vinyl chloride	1.310	62	43195	8.629	ug/L	99
6) Bromomethane	1.519	94	19115	6.595	ug/L	98
8) Chloroethane	1.584	64	26522	8.961	ug/L	90
9) Trichlorofluoromethane	1.751	101	53380	7.839	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	30289	7.648	ug/L	100
12) 1,1-Dichloroethene	2.114	96	29084	7.809	ug/L	97
13) Acetone	2.204	43	54475m	26.259	ug/L	
14) Carbon disulfide	2.291	76	94923	8.764	ug/L	98
15) Methyl Acetate	2.439	43	48489	11.163	ug/L	97
16) Methylene chloride	2.503	84	38933	8.145	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	34716	8.708	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	127584	10.952	ug/L	98
19) 1,1-Dichloroethane	3.185	63	72307	9.670	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	40266	9.469	ug/L	99
22) 2-Butanone	4.008	43	70956m	25.363	ug/L	
23) Bromochloromethane	4.249	128	19007	7.995	ug/L	96
25) Chloroform	4.371	83	69947	8.888	ug/L	97
27) 1,2-Dichloroethane	5.133	62	51648	9.163	ug/L	97
29) Cyclohexane	4.670	56	67026	13.053	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	58628	9.679	ug/L	96
31) Carbon tetrachloride	4.825	117	50467	9.620	ug/L	98
33) Benzene	5.098	78	155298	10.569	ug/L	100
34) Trichloroethene	5.915	95	38514	10.173	ug/L	97
35) Methylcyclohexane	6.127	83	66154	11.516	ug/L	99
37) 1,2-Dichloropropane	6.172	63	39724	10.261	ug/L	100
38) Bromodichloromethane	6.510	83	53625	10.255	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	61318	10.975	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	143412	28.952	ug/L	100
42) Toluene	7.384	91	155927	10.470	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	59564	11.002	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	37713	9.415	ug/L	97
46) Tetrachloroethene	7.969	164	27273	9.398	ug/L	99
48) 2-Hexanone	8.140	43	107300	28.349	ug/L	98
49) Dibromochloromethane	8.243	129	39561	9.359	ug/L	100
50) 1,2-Dibromoethane	8.349	107	39552	9.610	ug/L	97
51) Chlorobenzene	8.876	112	98174	9.487	ug/L	97
52) Ethylbenzene	9.008	91	169224	10.763	ug/L	98
53) m,p-Xylene	9.133	106	63624	10.490	ug/L	97
54) o-Xylene	9.538	106	64888	10.936	ug/L	99
55) Styrene	9.554	104	109037	10.612	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	65533	10.049	ug/L	98
59) Bromoform	9.728	173	28100	10.711	ug/L	99
60) Isopropylbenzene	9.924	105	169861	12.151	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	51100	11.001	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	144709	12.523	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	142303	12.370	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	72770	10.498	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	71641	9.806	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	73084	10.289	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	14552	11.376	ug/L	96
69) 1,3,5-Trichlorobenzene	12.635	180	52029	10.365	ug/L	97
70) 1,2,4-trichlorobenzene	13.252	180	44345	10.280	ug/L	98
71) Naphthalene	13.493	128	136662	10.285	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	44793	10.254	ug/L	98

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

