

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011024\
 Data File : VW033556.D
 Acq On : 10 Jan 2024 12:35
 Operator : SY/MD
 Sample : VSTD01024
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010224

Quant Time: Jan 11 00:17:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:16:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	336100	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	320963	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	170481	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	21740	8.382	ug/L	0.00
7) Chloroethane-d5	1.532	69	18943	8.398	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	10151	8.083	ug/L	0.00
21) 2-Butanone-d5	3.802	46	34944	25.316	ug/L	0.02
24) Chloroform-d	4.249	84	44754	9.029	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	29083	9.479	ug/L	0.00
32) Benzene-d6	4.963	84	87138	10.053	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	28792	10.721	ug/L	0.00
41) Toluene-d8	7.246	98	77432	9.882	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	13478	10.251	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	24005	25.335	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	38403	10.262	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	30546	9.588	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	29020	10.657	ug/L	97
3) Chloromethane	1.217	50	32862	12.370	ug/L	99
5) Vinyl chloride	1.285	62	30264	10.890	ug/L	99
6) Bromomethane	1.487	94	16219	8.530	ug/L	99
8) Chloroethane	1.552	64	18083	9.939	ug/L	98
9) Trichlorofluoromethane	1.716	101	36183	7.969	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	21339	8.039	ug/L	100
12) 1,1-Dichloroethene	2.072	96	19852	8.665	ug/L	97
13) Acetone	2.111	43	31941	20.723	ug/L	99
14) Carbon disulfide	2.243	76	66860	10.755	ug/L	99
15) Methyl Acetate	2.378	43	27150	11.849	ug/L #	100
16) Methylene chloride	2.449	84	24337	9.320	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	21997	9.902	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	81261	11.588	ug/L	99
19) 1,1-Dichloroethane	3.114	63	45487	10.492	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	24199	9.598	ug/L	97
22) 2-Butanone	3.883	43	39414m	24.459	ug/L	
23) Bromochloromethane	4.153	128	11714	8.650	ug/L	95
25) Chloroform	4.281	83	41890	8.864	ug/L	98
27) 1,2-Dichloroethane	5.047	62	36117	9.827	ug/L	99
29) Cyclohexane	4.584	56	45477	14.171	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	37458	9.503	ug/L	99
31) Carbon tetrachloride	4.735	117	32016	9.169	ug/L	99
33) Benzene	5.011	78	92408	10.623	ug/L	100
34) Trichloroethene	5.838	95	24169	10.117	ug/L	97
35) Methylcyclohexane	6.050	83	43442	12.263	ug/L	99
37) 1,2-Dichloropropane	6.095	63	24652	10.355	ug/L #	96
38) Bromodichloromethane	6.436	83	33243	9.910	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	40600	11.555	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	78710	28.882	ug/L	100
42) Toluene	7.317	91	97277	10.670	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	37799	10.701	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	22824	9.493	ug/L	95
46) Tetrachloroethene	7.905	164	18381	10.011	ug/L	98
48) 2-Hexanone	8.079	43	61217	26.981	ug/L	98
49) Dibromochloromethane	8.178	129	23567	9.335	ug/L	100
50) 1,2-Dibromoethane	8.284	107	24048	9.685	ug/L	99
51) Chlorobenzene	8.815	112	62738	9.641	ug/L	97
52) Ethylbenzene	8.947	91	114376	11.114	ug/L	98
53) m,p-Xylene	9.075	106	42183	10.981	ug/L	98
54) o-Xylene	9.477	106	41718	11.109	ug/L	100
55) Styrene	9.497	104	73157	11.193	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	36979	10.011	ug/L	98
59) Bromoform	9.667	173	17197	9.670	ug/L	97
60) Isopropylbenzene	9.866	105	114964	11.575	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	30253	10.876	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	97060	12.541	ug/L	97
63) 1,2,4-Trimethylbenzene	10.854	105	95277	11.984	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	51034	10.114	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	51692	9.612	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	50044	9.617	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	8120	10.471	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	36699	10.279	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	33931	10.766	ug/L	100
71) Naphthalene	13.442	128	90837	10.757	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	31681	10.500	ug/L	100

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

