

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW027958.D
 Acq On : 20 Sep 2022 12:53
 Operator : SY/MD
 Sample : VSTD01059
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010259

Quant Time: Sep 21 01:29:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:28:10 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/22/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	362387	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	358788	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	200778	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	31487	12.094	ug/L	0.00
7) Chloroethane-d5	1.561	69	26044	13.534	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	57136	12.056	ug/L	0.00
21) 2-Butanone-d5	3.886	46	33546m	15.818	ug/L	0.02
24) Chloroform-d	4.342	84	51803	10.121	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	33567	10.480	ug/L	0.00
32) Benzene-d6	5.046	84	99162	10.998	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	29270	9.422	ug/L	0.00
41) Toluene-d8	7.313	98	90078	11.720	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	14056	10.155	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	25016	16.812	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	45205	9.111	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	39432	11.123	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	27653	8.909	ug/L	98
3) Chloromethane	1.236	50	32249	9.087	ug/L	98
5) Vinyl chloride	1.307	62	32545	9.126	ug/L	96
6) Bromomethane	1.516	94	21421	12.003	ug/L	100
8) Chloroethane	1.580	64	20986	10.459	ug/L	94
9) Trichlorofluoromethane	1.748	101	48700	10.336	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	27239	10.486	ug/L	99
12) 1,1-Dichloroethene	2.111	96	27187	10.801	ug/L	95
13) Acetone	2.156	43	32704	19.776	ug/L	99
14) Carbon disulfide	2.288	76	69681	8.513	ug/L	99
15) Methyl Acetate	2.426	43	27912	7.635	ug/L	96
16) Methylene chloride	2.500	84	32430	9.996	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	24965	9.230	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	72079	8.896	ug/L	100
19) 1,1-Dichloroethane	3.185	63	46667	8.670	ug/L	95
20) cis-1,2-Dichloroethene	3.905	96	26122	9.231	ug/L	98
22) 2-Butanone	3.969	43	30905	14.052	ug/L	93
23) Bromochloromethane	4.246	128	14543	9.194	ug/L	95
25) Chloroform	4.371	83	50317	9.132	ug/L	95
27) 1,2-Dichloroethane	5.130	62	37926	8.798	ug/L	99
29) Cyclohexane	4.670	56	33951	8.261	ug/L	90
30) 1,1,1-Trichloroethane	4.603	97	42952	9.140	ug/L	99
31) Carbon tetrachloride	4.821	117	38549	9.408	ug/L	97
33) Benzene	5.095	78	100972	8.918	ug/L	100
34) Trichloroethene	5.915	95	26337	9.157	ug/L	97
35) Methylcyclohexane	6.127	83	39014	9.126	ug/L	97
37) 1,2-Dichloropropane	6.169	63	25167	8.016	ug/L #	97
38) Bromodichloromethane	6.506	83	36989	8.905	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	37231	8.800	ug/L	95
40) 4-Methyl-2-pentanone	7.226	43	66838	15.176	ug/L	99
42) Toluene	7.387	91	107039	9.371	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	37588	8.992	ug/L	98

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

45) 1,1,2-Trichloroethane	7.837	97	26550	8.729	ug/L	95
46) Tetrachloroethene	7.972	164	22782	10.610	ug/L	94
48) 2-Hexanone	8.143	43	52789m	14.916	ug/L	
49) Dibromochloromethane	8.242	129	30152	9.337	ug/L	99
50) 1,2-Dibromoethane	8.352	107	27813	8.940	ug/L	97
51) Chlorobenzene	8.879	112	74356	9.617	ug/L	97
52) Ethylbenzene	9.011	91	114055	9.522	ug/L	97
53) m,p-Xylene	9.136	106	43467	9.590	ug/L	96
54) o-Xylene	9.541	106	42195	9.549	ug/L	96
55) Styrene	9.561	104	73737	9.541	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	45880	8.956	ug/L	98
59) Bromoform	9.728	173	22915	9.666	ug/L	99
60) Isopropylbenzene	9.931	105	110265	8.865	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	36326	8.132	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	92303	8.953	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	89495	8.821	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	58914	9.697	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	61472	9.648	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	59895	9.510	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	10451	8.257	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	47472	11.270	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	41347	11.589	ug/L	98
71) Naphthalene	13.500	128	122184	10.139	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	42717	11.092	ug/L	98

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

