

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062922\
 Data File : VW026591.D
 Acq On : 29 Jun 2022 15:42
 Operator : SY/MD
 Sample : VSTD00525
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005225

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Semsettin Yesilyurt 07/01/2022

Quant Time: Jun 30 03:08:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 30 03:07:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	383322	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	373830	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	184539	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	15843	3.421	ug/L	0.00
7) Chloroethane-d5	1.584	69	13945	3.440	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.124	63	30639	3.730	ug/L	0.00
21) 2-Butanone-d5	3.950	46	13816m	6.768	ug/L	0.04
24) Chloroform-d	4.365	84	30044	4.400	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.050	65	17088	4.211	ug/L	0.00
32) Benzene-d6	5.063	84	53189	4.134	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	17674	4.467	ug/L	0.00
41) Toluene-d8	7.323	98	44231	3.747	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	5931	3.370	ug/L	0.00
47) 2-Hexanone-d5	8.104	63	8807	6.064	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25643	4.750	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	18385	4.572	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.146	85	14569	3.877	ug/L	95
3) Chloromethane	1.256	50	18069	3.930	ug/L	99
5) Vinyl chloride	1.326	62	18932	4.045	ug/L #	74
6) Bromomethane	1.539	94	12903	4.550	ug/L	95
8) Chloroethane	1.600	64	14111	4.140	ug/L	87
9) Trichlorofluoromethane	1.767	101	27298	4.090	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	16030	4.474	ug/L	99
12) 1,1-Dichloroethene	2.130	96	15814	4.487	ug/L	92
13) Acetone	2.207	43	11022	7.913	ug/L	65
14) Carbon disulfide	2.307	76	42560	4.795	ug/L	99
15) Methyl Acetate	2.458	43	11022	3.650	ug/L	99
16) Methylene chloride	2.523	84	18584	5.268	ug/L	99
17) trans-1,2-Dichloroethene	2.777	96	15581	4.985	ug/L	98
18) Methyl tert-butyl Ether	2.789	73	39927	4.416	ug/L	97
19) 1,1-Dichloroethane	3.207	63	28357	4.887	ug/L	97
20) cis-1,2-Dichloroethene	3.934	96	15868	4.711	ug/L	91
22) 2-Butanone	4.034	43	15253m	8.063	ug/L	
23) Bromochloromethane	4.265	128	9497	5.335	ug/L	94
25) Chloroform	4.394	83	30265	4.910	ug/L	95
27) 1,2-Dichloroethane	5.146	62	19614	4.294	ug/L	98
29) Cyclohexane	4.686	56	17946	3.995	ug/L	96
30) 1,1,1-Trichloroethane	4.619	97	25244	4.943	ug/L	98
31) Carbon tetrachloride	4.838	117	20766	4.839	ug/L	99
33) Benzene	5.114	78	58690	4.640	ug/L	100
34) Trichloroethene	5.924	95	16045	4.900	ug/L	97
35) Methylcyclohexane	6.137	83	22015	4.435	ug/L	98
37) 1,2-Dichloropropane	6.185	63	15719	4.962	ug/L #	93
38) Bromodichloromethane	6.516	83	19973	4.659	ug/L	99
39) cis-1,3-Dichloropropene	7.040	75	16562	3.636	ug/L	95
40) 4-Methyl-2-pentanone	7.236	43	27965	7.636	ug/L	94
42) Toluene	7.394	91	58198	4.287	ug/L	98
44) trans-1,3-Dichloropropene	7.661	75	14944	3.434	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	16236	4.987	ug/L	98
46) Tetrachloroethene	7.982	164	12971	5.266	ug/L	93
48) 2-Hexanone	8.149	43	19761	6.973	ug/L	99
49) Dibromochloromethane	8.249	129	13450	4.182	ug/L	99
50) 1,2-Dibromoethane	8.358	107	15638	4.709	ug/L	97
51) Chlorobenzene	8.882	112	44022	5.046	ug/L	100
52) Ethylbenzene	9.014	91	56267	4.025	ug/L	100
53) m,p-Xylene	9.140	106	20713	3.807	ug/L	97
54) o-Xylene	9.545	106	20626	3.868	ug/L	97
55) Styrene	9.564	104	33910	3.644	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	24916	5.075	ug/L	98
59) Bromoform	9.734	173	7291	4.109	ug/L	96
60) Isopropylbenzene	9.931	105	51900	4.194	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	19062	5.239	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	39281	5.527	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	37906	3.820	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	28724	4.862	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	30570	4.946	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	30208	4.945	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	3889	4.689	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	19530	4.780	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	14926	4.302	ug/L	94
71) Naphthalene	13.503	128	39965	3.902	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	15761	4.457	ug/L	96

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

