

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023880.D
 Acq On : 10 Dec 2021 12:15
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005261

Quant Time: Dec 11 04:22:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 03:24:39 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/13/2021
 Supervised By :Semsettin Yesilyurt 12/13/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	112187	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	114536	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29971	3.394	ug/L	0.00
7) Chloroethane-d5	1.568	69	24522	3.497	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	58041	3.736	ug/L	0.00
20) 2-Butanone-d5	3.902	46	50372m	46.339	ug/L	0.00
24) Chloroform-d	4.346	84	67365	4.234	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	30707	4.135	ug/L	0.00
32) Benzene-d6	5.047	84	114452	3.788	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	33963	3.967	ug/L	0.00
41) Toluene-d8	7.313	98	104704	3.762	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	14469	4.186	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	64205	53.048	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28516	4.522	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	44809	3.745	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	50344	4.851	ug/L	98
3) Chloromethane	1.240	50	42772	4.746	ug/L	96
5) Vinyl chloride	1.310	62	45281	4.784	ug/L	99
6) Bromomethane	1.523	94	28946	5.239	ug/L	99
8) Chloroethane	1.584	64	29179	4.796	ug/L	94
9) Trichlorofluoromethane	1.754	101	79890	5.108	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	41939	5.292	ug/L	99
12) 1,1-Dichloroethene	2.117	96	37718	5.096	ug/L	96
13) Acetone	2.191	43	45440m	49.367	ug/L	
14) Carbon disulfide	2.294	76	110303	4.553	ug/L	100
15) Methyl Acetate	2.436	43	8817	4.078	ug/L #	87
16) Methylene chloride	2.506	84	44306	4.170	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	87149	5.614	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	42579	5.050	ug/L	98
19) 1,1-Dichloroethane	3.188	63	76537	5.333	ug/L	99
21) 2-Butanone	3.989	43	63953m	53.841	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	46185	5.594	ug/L	99
23) Bromochloromethane	4.243	128	20957	5.435	ug/L	90
25) Chloroform	4.375	83	85011	5.320	ug/L	98
27) 1,2-Dichloroethane	5.130	62	45760	5.413	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	77866	5.256	ug/L	99
30) Cyclohexane	4.674	56	61372	5.039	ug/L	98
31) Carbon tetrachloride	4.825	117	71028	5.248	ug/L	99
33) Benzene	5.098	78	171114	5.310	ug/L	100
34) Trichloroethene	5.911	95	46943	5.391	ug/L	97
35) Methylcyclohexane	6.130	83	69771	5.211	ug/L	98
37) 1,2-Dichloropropane	6.169	63	39213	5.134	ug/L	99
38) Bromodichloromethane	6.506	83	56589	5.407	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	59675	5.432	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	207811	56.458	ug/L	99
42) Toluene	7.384	91	193414	5.544	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	51399	5.560	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	30987	5.775	ug/L	97
47) Tetrachloroethene	7.976	164	42542	5.391	ug/L	98
48) 2-Hexanone	8.140	43	156317	57.532	ug/L	99
49) Dibromochloromethane	8.246	129	41292	5.619	ug/L	98
50) 1,2-Dibromoethane	8.352	107	28279	5.471	ug/L	93
51) Chlorobenzene	8.879	112	127036	5.451	ug/L	97
52) Ethylbenzene	9.011	91	206687	5.615	ug/L	98
53) m,p-xylene	9.136	106	81709	5.627	ug/L	95
54) o-xylene	9.542	106	78601	5.642	ug/L	96
55) Styrene	9.558	104	136033	5.833	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	32483	5.490	ug/L	99
59) Bromoform	9.731	173	23851	5.247	ug/L	97
60) Isopropylbenzene	9.931	105	215238	5.288	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	24140	4.983	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	177500	5.232	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	178328	5.339	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	109597	5.240	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	108466	5.166	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	99081	5.179	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	5307	5.443	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	85207	5.198	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	67256	5.264	ug/L	99
71) Naphthalene	13.503	128	93532	5.391	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	60530	5.452	ug/L	97

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

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