

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110421\
 Data File : VW023200.D
 Acq On : 04 Nov 2021 13:32
 Operator : SY/MD
 Sample : VSTD01050
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010250

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/11/2021

Quant Time: Nov 08 12:56:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 12:49:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	158159	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	154688	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	87875	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	100831	7.296	ug/L	0.00
7) Chloroethane-d5	1.568	69	81384	9.520	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	189965	9.528	ug/L	0.00
20) 2-Butanone-d5	3.905	46	189516m	85.484	ug/L	0.00
24) Chloroform-d	4.352	84	217371	9.675	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	99207	9.367	ug/L	0.00
32) Benzene-d6	5.053	84	425187	9.415	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	121846	8.764	ug/L	0.00
41) Toluene-d8	7.317	98	412690	10.173	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	48883	10.035	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	203223	112.687	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	88814	9.252	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	152178	9.706	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	164264	16.371	ug/L	98
3) Chloromethane	1.240	50	137279	12.659	ug/L	97
5) Vinyl chloride	1.310	62	137512	12.277	ug/L	100
6) Bromomethane	1.523	94	89326	15.784	ug/L	98
8) Chloroethane	1.587	64	80421	13.730	ug/L	99
9) Trichlorofluoromethane	1.754	101	207734	13.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	105273	12.214	ug/L	98
12) 1,1-Dichloroethene	2.121	96	100432	12.403	ug/L	88
13) Acetone	2.198	43	106400m	97.822	ug/L	
14) Carbon disulfide	2.294	76	382946	17.365	ug/L	100
15) Methyl Acetate	2.442	43	39705	9.596	ug/L #	89
16) Methylene chloride	2.510	84	122148	13.734	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	235124	12.163	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	125612	14.530	ug/L	97
19) 1,1-Dichloroethane	3.195	63	212399	13.373	ug/L	97
21) 2-Butanone	3.992	43	197773m	92.879	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	125185	12.772	ug/L #	92
23) Bromochloromethane	4.252	128	56559	12.712	ug/L #	84
25) Chloroform	4.381	83	222834	10.618	ug/L	97
27) 1,2-Dichloroethane	5.137	62	120643	10.900	ug/L	100
29) 1,1,1-Trichloroethane	4.612	97	206339	11.804	ug/L	99
30) Cyclohexane	4.683	56	196202	12.855	ug/L	97
31) Carbon tetrachloride	4.831	117	188851	12.555	ug/L	96
33) Benzene	5.104	78	489263	11.753	ug/L	100
34) Trichloroethene	5.918	95	128093	12.249	ug/L	98
35) Methylcyclohexane	6.137	83	212089	14.164	ug/L	95
37) 1,2-Dichloropropane	6.175	63	114193	10.884	ug/L	98
38) Bromodichloromethane	6.513	83	151622	11.715	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	169567	12.979	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	594553	120.368	ug/L	97
42) Toluene	7.391	91	546010	12.943	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	144490	13.368	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	79628	10.849	ug/L	98
47) Tetrachloroethene	7.979	164	111767	12.650	ug/L	99
48) 2-Hexanone	8.143	43	423283	115.440	ug/L	97
49) Dibromochloromethane	8.249	129	105807	12.115	ug/L	99
50) 1,2-Dibromoethane	8.355	107	76710	11.608	ug/L	98
51) Chlorobenzene	8.882	112	342626	12.364	ug/L	99
52) Ethylbenzene	9.014	91	582458	13.911	ug/L	98
53) m,p-xylene	9.140	106	231875	13.809	ug/L	99
54) o-xylene	9.545	106	219013	13.855	ug/L	99
55) Styrene	9.561	104	383639	14.054	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	90109	10.983	ug/L	99
59) Bromoform	9.731	173	58414	11.407	ug/L	99
60) Isopropylbenzene	9.934	105	595966	13.410	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	64000	10.347	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	506730	14.195	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	518614	14.556	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	292021	12.487	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	289442	12.184	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	258233	11.862	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	14571	11.940	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	226497	12.717	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	183625	13.778	ug/L	99
71) Naphthalene	13.503	128	284595	14.045	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	164548	13.300	ug/L	98

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

