

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100721\
 Data File : VW022662.D
 Acq On : 07 Oct 2021 13:50
 Operator : SY/MD
 Sample : VSTD02039
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020239

Quant Time: Oct 08 02:34:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 02:32:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126709	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123347	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	178330	35.587	ug/L	0.00
7) Chloroethane-d5	1.564	69	160100	26.846	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	343995	26.775	ug/L	0.00
20) 2-Butanone-d5	3.915	46	362420	150.159	ug/L	-0.06
24) Chloroform-d	4.346	84	352488	21.943	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	165835	21.622	ug/L	0.00
32) Benzene-d6	5.047	84	722707	24.797	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	210722	20.919	ug/L	0.00
41) Toluene-d8	7.317	98	679989	27.196	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	78675	28.233	ug/L	-0.01
46) 2-Hexanone-d5	8.095	63	384437	243.109	ug/L	-0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	158631	21.170	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	263091	22.981	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	185505	19.643	ug/L	99
3) Chloromethane	1.240	50	186282	19.689	ug/L	99
5) Vinyl chloride	1.307	62	195184	20.341	ug/L	100
6) Bromomethane	1.519	94	123851	19.502	ug/L	100
8) Chloroethane	1.584	64	116497	19.071	ug/L	99
9) Trichlorofluoromethane	1.751	101	280732	19.480	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	166160	20.201	ug/L	100
12) 1,1-Dichloroethene	2.114	96	152534	20.112	ug/L	91
13) Acetone	2.201	43	177700	135.551	ug/L #	57
14) Carbon disulfide	2.288	76	448849	20.189	ug/L	100
15) Methyl Acetate	2.439	43	67764	18.667	ug/L #	86
16) Methylene chloride	2.500	84	158709	17.864	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	368217	18.984	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	162397	19.651	ug/L	99
19) 1,1-Dichloroethane	3.182	63	304997	20.404	ug/L	98
21) 2-Butanone	4.002	43	321508	154.906	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	179103	19.913	ug/L	95
23) Bromochloromethane	4.243	128	82643	19.390	ug/L	92
25) Chloroform	4.375	83	314856	18.922	ug/L	100
27) 1,2-Dichloroethane	5.130	62	165359	18.975	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	275085	20.096	ug/L	99
30) Cyclohexane	4.670	56	258971	20.794	ug/L	97
31) Carbon tetrachloride	4.821	117	247089	20.259	ug/L	99
33) Benzene	5.095	78	660531	20.402	ug/L	100
34) Trichloroethene	5.911	95	174033	18.505	ug/L	98
35) Methylcyclohexane	6.127	83	286602	21.957	ug/L	93
37) 1,2-Dichloropropane	6.175	63	155938	19.569	ug/L	99
38) Bromodichloromethane	6.509	83	203301	20.250	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	243846	22.689	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	957118	218.716	ug/L	97
42) Toluene	7.387	91	732140	21.474	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	202377	22.745	ug/L	96

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45) 1,1,2-Trichloroethane	7.841	97	118102	19.861	ug/L	99
47) Tetrachloroethene	7.976	164	148891	20.285	ug/L	99
48) 2-Hexanone	8.146	43	684086	214.347	ug/L	99
49) Dibromochloromethane	8.249	129	150442	21.531	ug/L	91
50) 1,2-Dibromoethane	8.355	107	114932	20.856	ug/L	95
51) Chlorobenzene	8.882	112	460252	20.617	ug/L	99
52) Ethylbenzene	9.014	91	777053	22.287	ug/L	99
53) m,p-xylene	9.140	106	305847	22.818	ug/L	100
54) o-xylene	9.545	106	294361	22.295	ug/L	97
55) Styrene	9.561	104	512505	22.801	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	133124	20.754	ug/L	97
59) Bromoform	9.731	173	84698	20.847	ug/L	98
60) Isopropylbenzene	9.934	105	798004	21.606	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	96919	18.837	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	677561	22.660	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	696025	22.829	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	391907	20.495	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	389178	19.887	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	367749	20.647	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	20374	21.074	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	315494	22.009	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	254531	22.229	ug/L	99
71) Naphthalene	13.503	128	445123	24.175	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	240854	22.962	ug/L	99

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

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