

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022981.D
 Acq On : 22 Oct 2021 10:59
 Operator : SY/MD
 Sample : VSTD00543
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005243

Quant Time: Oct 23 00:41:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 00:39:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	133679	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	132765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	72375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	63702	6.421	ug/L	0.00
7) Chloroethane-d5	1.577	69	37990	4.662	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	89406	4.957	ug/L	0.00
20) 2-Butanone-d5	3.960	46	124518	52.319	ug/L	0.00
24) Chloroform-d	4.349	84	101722	5.292	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.043	65	48765	5.255	ug/L	0.00
32) Benzene-d6	5.050	84	210204	5.207	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.085	67	63285	5.300	ug/L	0.00
41) Toluene-d8	7.329	98	199661	5.681	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.638	79	22601	5.646	ug/L	0.00
46) 2-Hexanone-d5	8.108	63	83862	53.601	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	44046	5.493	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	68001	5.036	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	43610	4.589	ug/L	100
3) Chloromethane	1.230	50	45583	4.725	ug/L	100
5) Vinyl chloride	1.304	62	47890	4.784	ug/L	100
6) Bromomethane	1.526	94	23766	3.966	ug/L	100
8) Chloroethane	1.593	64	24219	4.046	ug/L	100
9) Trichlorofluoromethane	1.764	101	64834	4.540	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	37656	4.491	ug/L	100
12) 1,1-Dichloroethene	2.130	96	34515	4.389	ug/L	100
13) Acetone	2.262	43	58300	45.854	ug/L	100
14) Carbon disulfide	2.301	76	95728	4.361	ug/L	100
15) Methyl Acetate	2.465	43	9805	2.825	ug/L	100
16) Methylene chloride	2.516	84	29475	2.819	ug/L	100
17) Methyl tert-butyl Ether	2.793	73	69570	3.812	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	30639	3.704	ug/L	100
19) 1,1-Dichloroethane	3.191	63	56991	3.819	ug/L	100
21) 2-Butanone	4.053	43	109717	50.757	ug/L	100
22) cis-1,2-Dichloroethene	3.905	96	45729	4.994	ug/L	100
23) Bromochloromethane	4.243	128	19131	4.755	ug/L	100
25) Chloroform	4.378	83	88375	4.895	ug/L	100
27) 1,2-Dichloroethane	5.140	62	46959	5.169	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	76084	5.002	ug/L	100
30) Cyclohexane	4.664	56	64574	4.653	ug/L	100
31) Carbon tetrachloride	4.818	117	65960	5.014	ug/L	100
33) Benzene	5.098	78	180868	5.044	ug/L	100
34) Trichloroethene	5.918	95	45495	4.718	ug/L	100
35) Methylcyclohexane	6.140	83	65088	4.806	ug/L	100
37) 1,2-Dichloropropane	6.191	63	44662	5.181	ug/L	100
38) Bromodichloromethane	6.535	83	55808	5.232	ug/L	100
39) cis-1,3-Dichloropropene	7.047	75	56279	4.989	ug/L	100
40) 4-Methyl-2-pentanone	7.255	43	230316	50.817	ug/L	100
42) Toluene	7.403	91	195935	5.371	ug/L	100
44) trans-1,3-Dichloropropene	7.667	75	48198	5.199	ug/L	100

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

45) 1,1,2-Trichloroethane	7.854	97	32552	5.122	ug/L	100
47) Tetrachloroethene	7.985	164	39151	4.997	ug/L	100
48) 2-Hexanone	8.159	43	176095	53.136	ug/L	100
49) Dibromochloromethane	8.255	129	38715	5.194	ug/L	100
50) 1,2-Dibromoethane	8.365	107	29179	4.961	ug/L	100
51) Chlorobenzene	8.889	112	120414	5.060	ug/L	100
52) Ethylbenzene	9.017	91	182909	5.010	ug/L	100
53) m,p-xylene	9.146	106	75588	5.226	ug/L	100
54) o-xylene	9.548	106	68291	5.061	ug/L	100
55) Styrene	9.567	104	125817	5.403	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	35718	5.496	ug/L	100
59) Bromoform	9.738	173	20734	5.114	ug/L	100
60) Isopropylbenzene	9.934	105	185920	5.061	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	25600	5.127	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	142674	4.852	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	148429	5.036	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	98369	5.110	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	97636	5.007	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	90271	5.011	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4940	5.288	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	72341	4.987	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	52623	4.794	ug/L	100
71) Naphthalene	13.503	128	78358	4.495	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	50176	4.855	ug/L	100

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

