

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
 Data File : VV032974.D
 Acq On : 16 Nov 2023 20:34
 Operator : SY/MD
 Sample : VSTD02014
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020214

Quant Time: Nov 17 00:32:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:29:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	183445	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	185200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	105312	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	315219	20.187	ug/L	0.00
7) Chloroethane-d5	1.529	69	379858	25.376	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.057	65	132479	19.243	ug/L	0.00
20) 2-Butanone-d5	3.786	46	473824	227.867	ug/L	-0.01
24) Chloroform-d	4.246	84	562762	20.963	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	246191	20.772	ug/L	0.00
32) Benzene-d6	4.960	84	1061122	21.794	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	294464	21.305	ug/L	0.00
41) Toluene-d8	7.243	98	1020185	22.272	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	122407	22.719	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	468585	260.868	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	213500	20.941	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	368756	20.123	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	380726	18.980	ug/L	99
3) Chloromethane	1.214	50	396807	19.887	ug/L	98
5) Vinyl chloride	1.282	62	381929	20.160	ug/L	100
6) Bromomethane	1.487	94	299309	22.163	ug/L	97
8) Chloroethane	1.545	64	374577	26.348	ug/L	100
9) Trichlorofluoromethane	1.709	101	570307	19.400	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	312824	18.766	ug/L	100
12) 1,1-Dichloroethene	2.066	96	305662	19.744	ug/L	97
13) Acetone	2.124	43	358912	185.762	ug/L	99
14) Carbon disulfide	2.240	76	895617	20.018	ug/L	99
15) Methyl Acetate	2.375	43	87718	20.464	ug/L	92
16) Methylene chloride	2.446	84	304786	16.623	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	604005	23.372	ug/L	96
18) trans-1,2-Dichloroethene	2.693	96	306191	20.798	ug/L	99
19) 1,1-Dichloroethane	3.111	63	534537	20.500	ug/L	98
21) 2-Butanone	3.867	43	517525	222.926	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	339333	22.536	ug/L	97
23) Bromochloromethane	4.146	128	146119	21.151	ug/L	97
25) Chloroform	4.275	83	593356	20.623	ug/L	96
27) 1,2-Dichloroethane	5.040	62	330928	21.622	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	519425	20.312	ug/L	99
30) Cyclohexane	4.581	56	388656	21.795	ug/L	100
31) Carbon tetrachloride	4.735	117	452203	20.421	ug/L	100
33) Benzene	5.008	78	1224898	22.408	ug/L	100
34) Trichloroethene	5.831	95	318876	21.198	ug/L	97
35) Methylcyclohexane	6.050	83	447418	22.451	ug/L	98
37) 1,2-Dichloropropane	6.092	63	292761	21.542	ug/L	100
38) Bromodichloromethane	6.433	83	404966	21.596	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	457407	24.538	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	1342479	250.345	ug/L	97
42) Toluene	7.317	91	1335991	22.469	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	371574	24.787	ug/L	97

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

45) 1,1,2-Trichloroethane	7.770	97	210576	21.524	ug/L	97
47) Tetrachloroethene	7.905	164	259366	20.474	ug/L	98
48) 2-Hexanone	8.076	43	941769	239.136	ug/L	98
49) Dibromochloromethane	8.178	129	261695	22.309	ug/L	95
50) 1,2-Dibromoethane	8.281	107	203571	21.759	ug/L	97
51) Chlorobenzene	8.815	112	858561	21.504	ug/L	98
52) Ethylbenzene	8.947	91	1460799	23.641	ug/L	98
53) m,p-Xylene	9.072	106	567280	23.747	ug/L	96
54) o-Xylene	9.481	106	562371	24.638	ug/L	95
55) Styrene	9.497	104	977585	24.903	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	231530	21.220	ug/L	97
59) Bromoform	9.667	173	145344	21.875	ug/L	99
60) Isopropylbenzene	9.870	105	1471041	22.548	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	154224	20.052	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	1226889	23.995	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	1247995	24.217	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	719518	20.769	ug/L	99
65) 1,4-Dichlorobenzene	11.211	146	719753	20.350	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	642916	20.780	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	34780	18.866	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	538352	20.931	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	451521	21.646	ug/L	98
71) Naphthalene	13.439	128	725489	24.986	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	399528	21.995	ug/L	99

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

