

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038169.D
 Acq On : 19 Nov 2024 10:04
 Operator : SY/MD
 Sample : VSTD00517
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005217

Quant Time: Nov 19 21:36:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	278011	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	291907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	159118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	111810	5.247	ug/L	0.00
7) Chloroethane-d5	1.529	69	91409	5.303	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	48815	5.323	ug/L	0.00
20) 2-Butanone-d5	3.799	46	202252	49.763	ug/L	0.00
24) Chloroform-d	4.239	84	219995	5.320	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	98217	5.255	ug/L	0.00
32) Benzene-d6	4.950	84	406777	5.392	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	118006	5.095	ug/L	0.00
41) Toluene-d8	7.236	98	386159	5.532	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	44518	5.274	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	160466	50.112	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	99352	5.041	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	134824	4.973	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	127957	4.865	ug/L	100
3) Chloromethane	1.214	50	115549	5.102	ug/L	100
5) Vinyl chloride	1.278	62	128270	4.998	ug/L	100
6) Bromomethane	1.484	94	43878	4.385	ug/L	100
8) Chloroethane	1.545	64	82967	4.620	ug/L	100
9) Trichlorofluoromethane	1.709	101	181254	4.963	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	104279	5.003	ug/L	100
12) 1,1-Dichloroethene	2.063	96	97698	4.920	ug/L	100
13) Acetone	2.133	43	151142	47.940	ug/L	100
14) Carbon disulfide	2.233	76	314121	4.911	ug/L	100
15) Methyl Acetate	2.381	43	35125	4.527	ug/L	100
16) Methylene chloride	2.442	84	113644	5.019	ug/L	100
17) Methyl tert-butyl Ether	2.699	73	215316	4.796	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	106225	5.078	ug/L	100
19) 1,1-Dichloroethane	3.104	63	191615	5.046	ug/L	100
21) 2-Butanone	3.883	43	198141	47.146	ug/L	100
22) cis-1,2-Dichloroethene	3.805	96	107560	4.973	ug/L	100
23) Bromochloromethane	4.143	128	53103	5.028	ug/L	100
25) Chloroform	4.268	83	209235	5.151	ug/L	100
27) 1,2-Dichloroethane	5.034	62	115488	5.225	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	174865	4.995	ug/L	100
30) Cyclohexane	4.571	56	135741	4.675	ug/L	100
31) Carbon tetrachloride	4.725	117	153722	4.977	ug/L	100
33) Benzene	5.002	78	429937	5.244	ug/L	100
34) Trichloroethene	5.825	95	109490	4.898	ug/L	100
35) Methylcyclohexane	6.040	83	147636	4.669	ug/L	100
37) 1,2-Dichloropropane	6.085	63	107035	5.211	ug/L	100
38) Bromodichloromethane	6.426	83	142628	5.166	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	137710	4.959	ug/L	100
40) 4-Methyl-2-pentanone	7.149	43	524185	49.593	ug/L	100
42) Toluene	7.307	91	461700	5.317	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	122041	5.117	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	83339	5.003	ug/L	100
47) Tetrachloroethene	7.899	164	87496	4.871	ug/L	100
48) 2-Hexanone	8.069	43	375587	51.483	ug/L	100
49) Dibromochloromethane	8.169	129	91776	5.054	ug/L	100
50) 1,2-Dibromoethane	8.275	107	77528	5.021	ug/L	100
51) Chlorobenzene	8.805	112	302453	5.055	ug/L	100
52) Ethylbenzene	8.940	91	457517	4.966	ug/L	100
53) m,p-Xylene	9.066	106	179504	5.163	ug/L	100
54) o-Xylene	9.471	106	169220	5.000	ug/L	100
55) Styrene	9.490	104	321324	5.458	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	96762	4.968	ug/L	100
59) Bromoform	9.657	173	44884	4.847	ug/L	100
60) Isopropylbenzene	9.860	105	454874	4.963	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	66361	4.871	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	350517	4.820	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	357406	4.928	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	243443	4.947	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	247207	4.969	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	225190	4.944	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	14513	4.746	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	161254	4.626	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	131547	4.565	ug/L	100
71) Naphthalene	13.432	128	180131	4.018	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	120256	4.517	ug/L	100

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

