

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012524\
 Data File : VW033862.D
 Acq On : 25 Jan 2024 10:45
 Operator : SY/MD
 Sample : VSTD02038
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020238

Quant Time: Jan 25 20:56:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 20:53:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	95946	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	88381	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	44726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	160280	27.663	ug/L	0.00
7) Chloroethane-d5	1.532	69	142079	27.627	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	76241	28.800	ug/L	0.00
20) 2-Butanone-d5	3.809	46	301534	229.075	ug/L	-0.02
24) Chloroform-d	4.249	84	297381	24.648	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	139832	25.476	ug/L	0.00
32) Benzene-d6	4.960	84	573495	25.097	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	163737	22.245	ug/L	0.00
41) Toluene-d8	7.243	98	527935	25.666	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	63642	24.472	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	235377	233.859	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	96376	22.197	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	176591	24.240	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	179094	20.459	ug/L	99
3) Chloromethane	1.214	50	185565	18.078	ug/L	98
5) Vinyl chloride	1.282	62	190456	19.271	ug/L	92
6) Bromomethane	1.491	94	103722	21.037	ug/L	99
8) Chloroethane	1.552	64	117282	19.446	ug/L	99
9) Trichlorofluoromethane	1.716	101	276981	22.402	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	144545	21.193	ug/L	100
12) 1,1-Dichloroethene	2.069	96	140689	20.644	ug/L	95
13) Acetone	2.150	43	181707	174.886	ug/L #	34
14) Carbon disulfide	2.240	76	448687	18.308	ug/L	100
15) Methyl Acetate	2.388	43	46620	19.395	ug/L	100
16) Methylene chloride	2.446	84	130110	16.745	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	296181	19.481	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	137808	18.311	ug/L	95
19) 1,1-Dichloroethane	3.111	63	261431	17.679	ug/L	97
21) 2-Butanone	3.889	43	275867	192.466	ug/L #	51
22) cis-1,2-Dichloroethene	3.812	96	148946	18.765	ug/L	95
23) Bromochloromethane	4.150	128	58018	19.976	ug/L	94
25) Chloroform	4.275	83	260811	18.963	ug/L	95
27) 1,2-Dichloroethane	5.040	62	154413	19.529	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	246470	19.766	ug/L	99
30) Cyclohexane	4.584	56	231370	16.040	ug/L	99
31) Carbon tetrachloride	4.735	117	215883	20.149	ug/L	99
33) Benzene	5.008	78	542107	17.757	ug/L	100
34) Trichloroethene	5.831	95	149199	18.181	ug/L	98
35) Methylcyclohexane	6.050	83	240273	17.469	ug/L	99
37) 1,2-Dichloropropane	6.092	63	130470	17.144	ug/L	99
38) Bromodichloromethane	6.433	83	176237	18.836	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	213049	19.514	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	643763	182.008	ug/L	98
42) Toluene	7.313	91	583110	18.023	ug/L	97
44) trans-1,3-Dichloropropene	7.580	75	167127	18.977	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012524\
 Data File : VV033862.D
 Acq On : 25 Jan 2024 10:45
 Operator : SY/MD
 Sample : VSTD02038
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020238

Quant Time: Jan 25 20:56:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 20:53:39 2024
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.770	97	81009	18.907	ug/L	98
47) Tetrachloroethene	7.905	164	117185	19.556	ug/L	98
48) 2-Hexanone	8.076	43	459899	177.110	ug/L	100
49) Dibromochloromethane	8.175	129	99406	18.693	ug/L	99
50) 1,2-Dibromoethane	8.281	107	74924	18.922	ug/L	97
51) Chlorobenzene	8.812	112	367090	18.364	ug/L	100
52) Ethylbenzene	8.944	91	671063	17.870	ug/L	100
53) m,p-Xylene	9.072	106	251330	18.101	ug/L	99
54) o-Xylene	9.477	106	245508	18.217	ug/L	99
55) Styrene	9.493	104	405058	18.739	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	86634	18.380	ug/L	97
59) Bromoform	9.664	173	53646	20.056	ug/L	100
60) Isopropylbenzene	9.866	105	677010	19.207	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	62660	17.842	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	575561	19.084	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	568211	18.783	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	298049	19.251	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	290265	19.062	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	255609	18.890	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	15933	20.655	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	240793	19.920	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	195048	19.484	ug/L	99
71) Naphthalene	13.439	128	264049	15.652	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	158532	19.470	ug/L	98

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

