

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038201.D
 Acq On : 20 Nov 2024 08:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005307

Quant Time: Nov 21 01:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	245228	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	257351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	145315	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	85707	4.560	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.529	69	71260	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.053	65	38760	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.812	46	176932	47.055	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.100%
24) Chloroform-d	4.240	84	175169	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.937	65	79097	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	4.950	84	311952	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	5.982	67	93524	4.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.233	98	301355	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	7.551	79	37404	4.916	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.021	63	139422	47.135	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.260%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83720	4.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	109290	4.414	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	127051	5.476	ug/L	100
3) Chloromethane	1.211	50	107242	5.368	ug/L	96
5) Vinyl chloride	1.278	62	120191	5.309	ug/L	96
6) Bromomethane	1.484	94	55292	6.264	ug/L	96
8) Chloroethane	1.545	64	78262	5.425	ug/L	98
9) Trichlorofluoromethane	1.709	101	179739	5.579	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	102490	5.574	ug/L	98
12) 1,1-Dichloroethene	2.063	96	94252	5.381	ug/L	88
13) Acetone	2.146	43	150666	54.178	ug/L	97
14) Carbon disulfide	2.233	76	296804	5.260	ug/L	99
15) Methyl Acetate	2.388	43	34243	5.070	ug/L	100
16) Methylene chloride	2.439	84	104869	5.250	ug/L	97
17) Methyl tert-butyl Ether	2.699	73	197458	4.986	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	98186	5.321	ug/L	98
19) 1,1-Dichloroethane	3.101	63	177427	5.297	ug/L	100
21) 2-Butanone	3.889	43	182115	45.628	ug/L	93
22) cis-1,2-Dichloroethene	3.805	96	96908	5.079	ug/L	98
23) Bromochloromethane	4.140	128	49271	5.289	ug/L	98
25) Chloroform	4.265	83	192441	5.371	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038201.D
 Acq On : 20 Nov 2024 08:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005307

Quant Time: Nov 21 01:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	107294	5.503	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	167870	5.439	ug/L	99
30) Cyclohexane	4.571	56	130434	5.095	ug/L	100
31) Carbon tetrachloride	4.725	117	147147	5.404	ug/L	99
33) Benzene	4.998	78	394014	5.451	ug/L	100
34) Trichloroethene	5.828	95	102705	5.212	ug/L	96
35) Methylcyclohexane	6.040	83	147691	5.298	ug/L	100
37) 1,2-Dichloropropane	6.085	63	93958	5.189	ug/L	99
38) Bromodichloromethane	6.426	83	130219	5.350	ug/L	96
39) cis-1,3-Dichloropropene	6.947	75	128424	5.081	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	518994	54.764	ug/L	99
42) Toluene	7.307	91	433747	5.666	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	116131	5.439	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	78638	5.355	ug/L	96
47) Tetrachloroethene	7.895	164	84302	5.324	ug/L	96
48) 2-Hexanone	8.069	43	387187	56.340	ug/L	98
49) Dibromochloromethane	8.169	129	88220	5.510	ug/L	98
50) 1,2-Dibromoethane	8.278	107	75704	5.561	ug/L	99
51) Chlorobenzene	8.809	112	275079	5.215	ug/L	99
52) Ethylbenzene	8.940	91	426289	5.249	ug/L	99
53) m,p-Xylene	9.066	106	167793	5.475	ug/L	96
54) o-Xylene	9.471	106	157113	5.266	ug/L	99
55) Styrene	9.490	104	297893	5.664	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	93509	5.446	ug/L	98
59) Bromoform	9.661	173	45241	5.350	ug/L	98
60) Isopropylbenzene	9.860	105	432810	5.171	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	66156	5.317	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	332380	5.005	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	332071	5.014	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	231935	5.161	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	235510	5.184	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	212733	5.114	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	13950	4.995	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	154223	4.844	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	125682	4.776	ug/L	99
71) Naphthalene	13.432	128	162722	3.975	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	114179	4.696	ug/L	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
Data File : VV038201.D
Acq On : 20 Nov 2024 08:33
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005307

Quant Time: Nov 21 01:39:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 19 22:47:22 2024
Response via : Initial Calibration

