

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033560.D
 Acq On : 27 Dec 2022 12:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050614

Quant Time: Dec 28 02:03:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 28 01:59:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	183375	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	176302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70381	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	37759	42.058	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.120%
7) Chloroethane-d5	1.672	69	29678	35.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.200%
11) 1,1-Dichloroethene-d2	2.313	63	78644	41.605	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.220%
21) 2-Butanone-d5	4.459	46	57118	85.271	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.270%
24) Chloroform-d	5.056	84	103033	43.152	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.300%
26) 1,2-Dichloroethane-d4	5.952	65	63901	42.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.120%
32) Benzene-d6	5.970	84	191408	39.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.540%
36) 1,2-Dichloropropane-d6	7.306	67	56340	39.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.320%
41) Toluene-d8	8.647	98	192702	40.543	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.080%
43) trans-1,3-Dichloroprop...	8.946	79	29941	43.011	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.020%
47) 2-Hexanone-d5	9.384	63	46440	85.774	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.770%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	62550	31.823	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	63.640%#
66) 1,2-Dichlorobenzene-d4	12.317	152	62297	44.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49341	38.590	ug/L	98
3) Chloromethane	1.294	50	40902	42.627	ug/L	98
5) Vinyl chloride	1.374	62	46816	44.333	ug/L	96
6) Bromomethane	1.618	94	27261	41.077	ug/L	98
8) Chloroethane	1.691	64	26927	36.861	ug/L	100
9) Trichlorofluoromethane	1.892	101	72621	45.477	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	48134	46.247	ug/L	97
12) 1,1-Dichloroethene	2.319	96	42704	45.044	ug/L	94
13) Acetone	2.398	43	43189	89.217	ug/L	97
14) Carbon disulfide	2.514	76	119949	40.751	ug/L	99
15) Methyl Acetate	2.703	43	41009	46.206	ug/L	99
16) Methylene chloride	2.788	84	47010	45.383	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	49285	46.010	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	157848	49.757	ug/L	100
19) 1,1-Dichloroethane	3.605	63	88376	46.052	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	58021	46.582	ug/L	97
22) 2-Butanone	4.562	43	63533	86.590	ug/L	98
23) Bromochloromethane	4.898	128	30653	46.598	ug/L	97
25) Chloroform	5.086	83	103768	47.220	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033560.D
 Acq On : 27 Dec 2022 12:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050614

Quant Time: Dec 28 02:03:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 28 01:59:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	83254	48.703	ug/L	99
29) Cyclohexane	5.471	56	75476	40.041	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	94861	43.732	ug/L	99
31) Carbon tetrachloride	5.678	117	87244	43.598	ug/L	98
33) Benzene	6.038	78	210085	43.305	ug/L	100
34) Trichloroethene	7.123	95	57666	43.137	ug/L	94
35) Methylcyclohexane	7.379	83	87346	41.006	ug/L	99
37) 1,2-Dichloropropane	7.428	63	53419	45.126	ug/L	99
38) Bromodichloromethane	7.818	83	83698	45.829	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	86488	45.540	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	132634	92.170	ug/L	99
42) Toluene	8.714	91	244730	44.872	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	84533	46.070	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	57928	45.756	ug/L	98
46) Tetrachloroethene	9.275	164	48873	43.779	ug/L	96
48) 2-Hexanone	9.427	43	102070	91.920	ug/L	99
49) Dibromochloromethane	9.519	129	73984	47.156	ug/L	98
50) 1,2-Dibromoethane	9.610	107	62619	45.281	ug/L	98
51) Chlorobenzene	10.079	112	164198	45.703	ug/L	98
52) Ethylbenzene	10.195	91	273081	45.812	ug/L	98
53) m,p-Xylene	10.299	106	108237	45.835	ug/L	93
54) o-Xylene	10.640	106	106310	45.638	ug/L	98
55) Styrene	10.653	104	184196	47.281	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	63839	33.651	ug/L	99
59) Bromoform	10.799	173	54736	60.701	ug/L	99
60) Isopropylbenzene	10.963	105	285822	59.941	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	47392	42.004	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	173387	43.396	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	168601	42.884	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	96299	44.973	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	94549	43.376	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	102711	47.987	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	19071	59.219	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	92636	61.682	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	82805	61.862	ug/L	99
71) Naphthalene	13.774	128	268000	62.844	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	84111	62.705	ug/L	99

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

Quant Time: Dec 28 02:03:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122722WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 28 01:59:02 2022
Response via : Initial Calibration

